

Product Datasheet

Recombinant Human Occludin GST (N-Term) Protein H00004950-P01-10ug

Unit Size: 10 ug

Store at -80C. Avoid freeze-thaw cycles.

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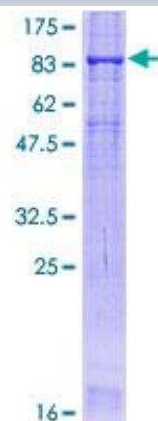


H00004950-P01-10ug**Recombinant Human Occludin GST (N-Term) Protein**

Product Information	
Unit Size	10 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	82.94 kDa
Product Description	
Description	<p>Recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-522 of Human OCLN</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: MSSRPLESPPPYRPDEFKPNHYAPSNDIYGGEMHVRPMLSQPAYSFYPEDEIL HFYKWTSPPGVIRILSMLIIVMCIAIFACVASTLAWDRGYGTSLLGGSVGYGYGG SGFGSYGSGYGYGYGYGYGGYTDPRAAKGFMLAMAAFCFIAALVIFVTSVI RSEMSRTRRYLSVIIVSAILGIMVFIATIVYIMGVNPTAQSSGSLYGSQIYALCN QFYTPAATGLYVDQYSYHYCVVDPQEAIAIVLGFMIIVAFALIIFFAVKTRRKMDR YDKSNILWDKEHIYDEQPPNVEEWVKNVSAGTQDVPSPPSDYVERVDSPMAY SSNGKVNDKRFYPPESSYKSTPVPEVVQELPLTSPVDDFRQPRYSSGGNFETP SKRAPAKGRAGRSKRTEQDHYETDYTTGGESCDELEEDWIREYPPITSDQQR QLYKRNFDTGLQEYKSLQSELDEINKELSRDKELDDYREESEEYMAAADEYN RLKQVKGSADYKSKKNHCKQLKSKLSHIKKMVG DYDRQKT</p>
Gene ID	100506658
Gene Symbol	OCLN
Species	Human
Preparation Method	in vitro wheat germ expression system
Details of Functionality	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Protein Array, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, Protein Array, Immunoaffinity Purification

Images

SDS-Page: Recombinant Human Occludin Protein [H00004950-P01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Yamazaki Y, Shinohara M, Yamazaki A et al. ApoE (Apolipoprotein E) in Brain Pericytes Regulates Endothelial Function in an Isoform-Dependent Manner by Modulating Basement Membrane Components Arterioscler. Thromb. Vasc. Biol. 2020-01-01 [PMID: 31665905] (ELISA, Human)

Tegtmeyer N, Wessler S, Necchi V et al. Helicobacter pylori Employs a Unique Basolateral Type IV Secretion Mechanism for CagA Delivery. Cell Host Microbe 2017-10-11 [PMID: 29024645]

Yamazaki Y, Shinohara M, Shinohara M et al. Selective loss of cortical endothelial tight junction proteins during Alzheimer's disease progression Brain 2019-02-15 [PMID: 30770921] (Human)

de Bruin A, A Cornelissen PW, Kirchmaier BC et al. Kiwifruit cysteine protease actinidin compromises the intestinal barrier by disrupting tight junctions. Biochim Biophys Acta 2016-03-01 [PMID: 26701113]

Zhang Z, McGoron AJ, Crumpler ET, Li CZ. Co-culture based blood-brain barrier in vitro model, a tissue engineering approach using immortalized cell lines for drug transport study Appl Biochem Biotechnol 2011-01-01 [PMID: 20652765] (WB)



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Products Related to H00004950-P01-10ug

H00004950-Q01-10ug	Recombinant Human Occludin GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP1-87402	Occludin Antibody - BSA Free
DVE00	VEGF [HRP]

Limitations

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