

Product Datasheet

Recombinant Human MEK5 GST (N-Term) Protein H00005607-P01-10ug

Unit Size: 10 ug

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

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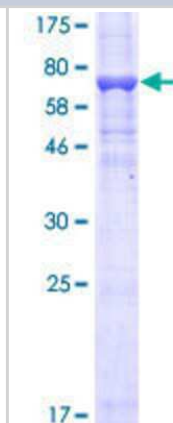


H00005607-P01-10ug**Recombinant Human MEK5 GST (N-Term) Protein**

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	75.02 kDa
Product Description	
Description	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-448 of Human MAP2K5</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: MLWLALGPFAMENQVLVIRIKIPNSGAVDWTVHSGPQLLFRDVLVDVIGQVLPE ATTTAFEYEDEDGDRITVRSDEEMKAMLSYYYSTVMEQQVNGQLIEPLQIFPRA CKPPGERNIHGLKVNTRAGPSQHSSPAVSDSLPSNSLKKSSAELKKILANGQM NEQDIRYRDTLGHGNGGTVYKAYHVPSPGKILAVKVILLDITLLELQKQIMSEILELY KCDSSYIIGFYGAFFVENRISICTEFMDGGSLDVYRKMPEHVLGRIAVAVVKGLT YLWSLKILHRDVKPSNMLVNTRGQVKLCDFGVSTQLVNSIAKTYVGTNAYMAP ERISGEQYGIHSDVWSLGISFMELALGRFPYPQIQKNQGSMLPLQLLQCIVDED SPVLPVGESSEPFVHFITQCMRKQPKERPAPEELMGHPFIVQFNDGNAAVSM WVCRALEERRSQGPP</p>
Gene ID	5607
Gene Symbol	MAP2K5
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, Immunoprecipitation, Protein Array, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, Immunoprecipitation, Protein Array, Immunoaffinity Purification

Images

12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Ngo A, Hoffmann P, Ferrante A, and Hii CS Regulation of endothelial cell survival and death by the MAP kinase/ERK kinase kinase 3 - glyceraldehyde-3-phosphate dehydrogenase signaling axis. *Cell Signal*. 2019-03-02 [PMID: 30831195]

Brady DC, Crowe MS, Turski ML et al. Copper is required for oncogenic BRAF signalling and tumorigenesis. *Nature* 2014-04-09 [PMID: 24717435]

Takeda AN, Oberoi-Khanuja TK, Glatz G et al. Ubiquitin-dependent regulation of MEKK2/3-MEK5-ERK5 signaling module by XIAP and cIAP1. *EMBO J*. 2014-06-28 [PMID: 24975362]

Garcia-Hoz C, Sanchez-Fernandez G, Diaz-Meco MT et al. G alpha(q) acts as an adaptor protein in protein kinase C zeta (PKCzeta)-mediated ERK5 activation by G protein-coupled receptors (GPCR). *J Biol Chem* 285(18):13480-9. 2010-04-30 [PMID: 20200162]



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Products Related to H00005607-P01-10ug

NBP1-89655PEP	MEK5 Recombinant Protein Antigen
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NBP1-89654	MEK5 Antibody
210-TA-005	TNF-alpha [Unconjugated]

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