

Product Datasheet

Recombinant Human Melatonin R1A/MT1/MTNR1A GST (N-Term) Protein

H00004543-Q01-10ug

Unit Size: 10 ug

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

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Publications: 1

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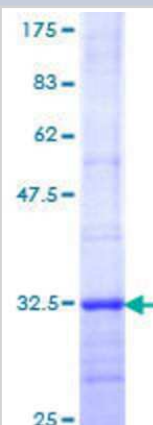


H00004543-Q01-10ug**Recombinant Human Melatonin R1A/MT1/MTNR1A GST (N-Term) Protein**

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	31.79 kDa
Product Description	
Description	<p>A recombinant protein with a N-terminal GST tag corresponding to the amino acid sequence 296-350 of Human Melatonin R1A/MT1/MTNR1A</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: GLLNQNFRKEYRRIIVSLCTARVFFVDSSNDVADRVKWKPSPLMTNINNKKVDSV</p>
Gene ID	4543
Gene Symbol	MTNR1A
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

12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Ryu Vitaly, Zarebidaki Eleen, Albers H Elliott et al. Short photoperiod reverses obesity in Siberian hamsters via sympathetically induced lipolysis and Browning in adipose tissue. *Physiology & Behavior* 2017-07-08 [PMID: 28694154]



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Products Related to H00004543-Q01-10ug

DMP900	MMP-9 [HRP]
NBP1-28912	Melatonin R1A/MT1/MTNR1A Antibody
MMP200	MMP-2 [HRP]
DTM100	TIMP-1 [HRP]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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