

Product Datasheet

Recombinant Human Sigma-1 R/OPRS1 GST (N-Term) Protein H00010280-P01-2ug

Unit Size: 2 ug

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

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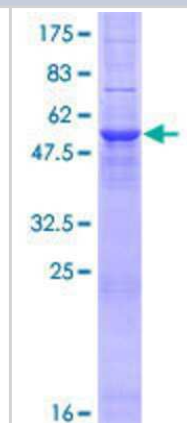
H00010280-P01-2ug**Recombinant Human Sigma-1 R/OPRS1 GST (N-Term) Protein**

Product Information	
Unit Size	2 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	51.5 kDa
Product Description	
Description	A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-223 of Human OPRS1 Source: <i>Wheat Germ (in vitro)</i> Amino Acid Sequence: MQWAVGRRWAWAALLLAVAAVLTQVVWLWLGTQSFVFQREEIAQLARQYAG LDHELAFSRLIVELRRLHPGHVLPDEELQWVFNAGGWMGAMCLLHASLSEYV LLFGTALGSRGHSRGYWAEISDTIISGTFHQWREGTTKSEVFYPGETVVHGPG EATAVEWGPNTWMVEYGRGVIPSTLAFALADTVFSTQDFLTLYTLRSYARGL RLELTYYLFGQDP
Gene ID	10280
Gene Symbol	SIGMAR1
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

Moon JY, Roh DH, Yoon SY et al. sigma-1s activate astrocytes via p38 MAPK phosphorylation leading to the development of mechanical allodynia in a mouse model of neuropathic pain. Br. J Pharmacol. 2014-08-27 [PMID: 25158784]



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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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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