

# Product Datasheet

## Recombinant Human mu Opioid R/OPRM1 GST (N-Term) Protein

**H00004988-Q01-10ug**

Unit Size: 10 ug

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

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### Publications: 1

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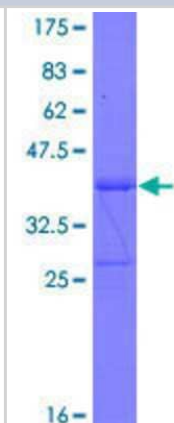


**H00004988-Q01-10ug****Recombinant Human mu Opioid R/OPRM1 GST (N-Term) Protein**

<b>Product Information</b>	
<b>Unit Size</b>	10 ug
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -80C. Avoid freeze-thaw cycles.
<b>Preservative</b>	No Preservative
<b>Purity</b>	>80% by SDS-PAGE and Coomassie blue staining
<b>Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
<b>Target Molecular Weight</b>	37.84 kDa
<b>Product Description</b>	
<b>Description</b>	<p>A recombinant protein with a N-terminal GST tag corresponding to the amino acid sequence 1-110 of Human mu Opioid R/OPRM1</p> <p><b>Source:</b> <i>Wheat Germ (in vitro)</i></p> <p><b>Amino Acid Sequence:</b>  MSDAQLGPLRLTLLSVSARTGFCKKQQELWQRRKEAAEALGTRKVSVLLATSH  SGARPAVSTMDSSAAPTNASNCTDALAYSSCSPAPSPGSWVNLSHLDGNLSD  PCGPN</p>
<b>Gene ID</b>	4988
<b>Gene Symbol</b>	OPRM1
<b>Species</b>	Human
<b>Preparation Method</b>	in vitro wheat germ expression system
<b>Details of Functionality</b>	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.
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Protein Array, Immunoaffinity Purification
<b>Recommended Dilutions</b>	Western Blot, ELISA, Protein Array, Immunoaffinity Purification

## Images

12.5% SDS-PAGE Stained with Coomassie Blue.



## Publications

Perlikowska R, Gach K, Fichna J et al. Biological activity of endomorphin and [Dmt(1)]endomorphin analogs with six-membered proline surrogates in position 2. Bioorg Med Chem. 2009-05-03 [PMID: 19435668]



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### **Products Related to H00004988-Q01-10ug**

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NBP1-87767PEP	mu Opioid R/OPRM1 Recombinant Protein Antigen
NBP2-22203	ERK1 Antibody (1E5) - BSA Free
NBP1-31180	mu Opioid R/OPRM1 Antibody
NB7276	Goat anti-Chicken IgM Heavy Chain Secondary Antibody

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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.

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