

Product datasheet

Recombinant Human Orexin Receptor 1/Ox-1-R protein ab158648

[1 Image](#)

Description

Product name	Recombinant Human Orexin Receptor 1/Ox-1-R protein
Expression system	Wheat germ
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MEPSATPGAQMGVPPGSREPSVPPDYEDFLRYLWRD YLYPEKQYEWVLI AAYVAVFVVALVGNTLVCLAVWRNHMRTVTNYFVNLSL ADVLVTAICL PASLLVDITESWLFGHALCKVIPYLQAVSVSAVLTLSFIAL DRWYAICH PLLFKSTARRARGSILGWAVSLAIMVPQAAVMECSSLVLP ELANRTRLFS VCDERWADDLYPKIYHSCFFIVTYLAPLGLMAMAYFQIFRK LWGRQIPGT TSALVRNWKRPDQLGDLEQGLSGEPQPRARAFLAEVK QMRARRKTAKML MVLLLVFALCYLPISVLNVLKRVMFRQASDREAVYACF TFSHWLVIYAN SAANPIYNFLSGKFREQFKAAFSCCLPGLGPCGSLKAPS PRSSASHKSL SLQSRCSISKISEHVLTSTVTTVLP
Amino acids	1 to 425
Tags	GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab158648** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA Western blot
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Form Liquid

Additional notes

Preparation and Storage

Stability and Storage Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
pH: 8.00
Constituents: 0.31% Glutathione, 0.79% Tris HCl

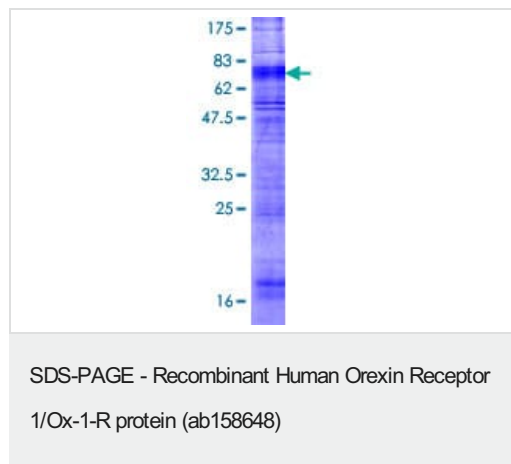
General Info

Function Moderately selective excitatory receptor for orexin-A and, with a lower affinity, for orexin-B neuropeptide. Seems to be exclusively coupled to the G(q) subclass of heteromeric G proteins, which activates the phospholipase C mediated signaling cascade.

Sequence similarities Belongs to the G-protein coupled receptor 1 family.

Cellular localization Cell membrane.

Images



ab158648 on a 12.5% SDS-PAGE stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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