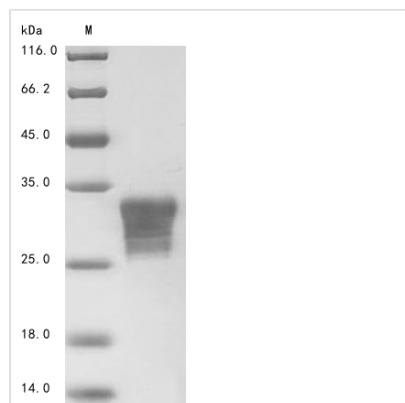




# Recombinant Human Orexin/Hypocretin receptor type 1 (HCRTR1), partial

<b>Product Code</b>	CSB-YP010231HU1
<b>Relevance</b>	Moderately selective excitatory receptor for orexin-A and, with a lower affinity, for orexin-B neuropeptide. Triggers an increase in cytoplasmic Ca <sup>2+</sup> levels in response to orexin-A binding
<b>Abbreviation</b>	Recombinant Human HCRTR1 protein, partial
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	O43613
<b>Storage Buffer</b>	Tris-based buffer,50% glycerol
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥ 85% as determined by SDS-PAGE.
<b>Sequence</b>	MEPSATPGAQMGVPPGSREPSVPPDYEDFLRYLWRDYLYPKQYE
<b>Source</b>	Yeast
<b>Target Names</b>	HCRTR1
<b>Protein Names</b>	Hypocretin receptor type 1
<b>Expression Region</b>	1-46aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-sumostar-tagged
<b>Mol. Weight</b>	21.4 kDa
<b>Protein Length</b>	Partial

## Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



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