

HCRT1

Orexin receptor type 1

Catalog No.	CSH2119MP	Quantity:	10 mg
	CSH2119PR		50 µg

Alternate Names: Hypocretin Receptor type1, Ox1-R, OX1

Description: HCRT1 encodes the protein Orexin receptor type 1. It is a G-protein coupled receptor that is involved in the regulation of feeding behavior. OX1 selectively binds the hypothalamic orexin-A neuropeptide. It shares 64% identity with OX2.

The receptor is available in the following formats: stable over-expression cell line, membrane preparation, or purified receptor in HEK293 or CHO. Various tagged versions are available.

Gene ID: 3061

UniProtKB: O43613

Format: Cell line, membrane preparation, or purified protein

Source: HEK 293 or CHO cells

Characterization: Expression verified by flow cytometry. Receptor demonstrates biological activity when tested in a radioligand assay.

Affinity Tag Options: 2S-H: TwinStrep Tag at the amino-terminus, His₁₀ tag at the carboxy-terminus

4S-H: 2 x TwinStrep Tag at the amino-terminus, His₁₀ tag at the carboxy-terminus

GFP-S: Strep Tag at the amino-terminus, GFP His₁₀ Tag at the carboxy-terminus

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