Human NPY1R Protein, hFc Tag

Cat. No. PME101822

PRODUCT INFORMATION

Target	NPY1R
Synonyms	NPYR; NPY1-R
Description	Recombinant human NPY1R Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P25929
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	NPY1R(Met1-Ala44) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 31.1 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	This gene belongs to the G-protein-coupled receptor superfamily. The encoded transmembrane protein mediates the function of neuropeptide Y (NPY), a neurotransmitter, and peptide YY (PYY), a gastrointestinal hormone. The encoded receptor undergoes fast agonist-induced internalization through clathrin-coated pits and is subsequently recycled back to the cell membrane. Activation of Y1 receptors may result in mobilization of intracellular calcium and inhibition of adenylate cyclase activity. [provided by RefSeq, Aug 2013]
Usage	Research use only
Conjugate	Unconjugated

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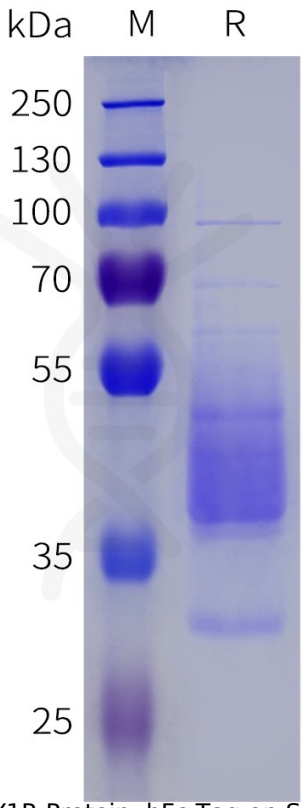


Figure 1. Human NPY1R Protein, hFc Tag on SDS-PAGE under reducing condition.

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