PRODUCT INFORMATION

Target	HTR7
Synonyms	5-HT7
Description	Recombinant human HTR7 Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P34969
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	HTR7(Met1-Lys81) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 34.6 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	The neurotransmitter, serotonin, is thought to play a role in various cognitive and behavioral functions. The serotonin receptor encoded by this gene belongs to the superfamily of G protein-coupled receptors and the gene is a candidate locus for involvement in autistic disorder and other neuropsychiatric disorders. Three splice variants have been identified which encode proteins that differ in the length of their carboxy terminal ends. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

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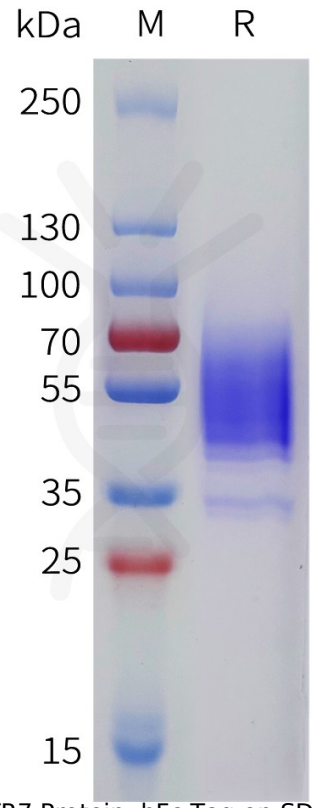


Figure 1. Human HTR7 Protein, hFc Tag on SDS-PAGE under reducing condition.

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