PRODUCT INFORMATION

Target	HTR2B
Synonyms	5-HT2B, 5-HT-2B, 5-HT(2B)
Description	Recombinant human HTR2B Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P41595
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	HTR2B(Met1-Trp56) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 32.6 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	This gene encodes one of the several different receptors for 5-hydroxytryptamine (serotonin) that belongs to the G-protein coupled receptor 1 family. Serotonin is a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. Serotonin receptors mediate many of the central and peripheral physiologic functions of serotonin, including regulation of cardiovascular functions and impulsive behavior. Population and family-based analyses of a minor allele (glutamine-to-stop substitution, designated Q20*) which blocks expression of this protein, and knockout studies in mice, suggest a role for this gene in impulsivity. However, other factors, such as elevated testosterone levels, may also be involved. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Mar 2016]
Usage	Research use only
Conjugate	Unconjugated

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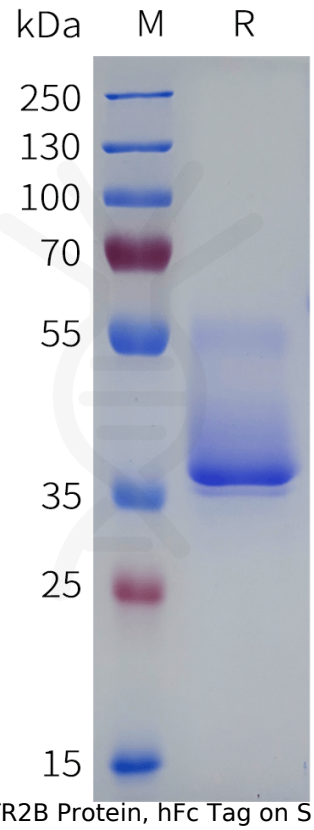

Figure 1. Human HTR2B Protein, hFc Tag on SDS-PAGE under reducing condition.

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