

PRODUCT INFORMATION

Target	GABBR2
Synonyms	HG20, DEE59, GPR51, EIEE59, GPRC3B, NDPLHS, GABABR2, HRIHFB2099
Description	Recombinant human GABBR2 Protein with C-terminal 10×His tag
Delivery	In Stock
Uniprot ID	O75899
Expression Host	HEK293
Tag	C-10×His tag
Molecular Characterization	GABBR2(Trp42-Ser478) 10×His tag
Molecular Weight	The protein has a predicted molecular mass of 50.9 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 85% 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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
Background	The multi-pass membrane protein encoded by this gene belongs to the G-protein coupled receptor 3 family and GABA-B receptor subfamily. The GABA-B receptors inhibit neuronal activity through G protein-coupled second-messenger systems, which regulate the release of neurotransmitters, and the activity of ion channels and adenylyl cyclase. This receptor subunit forms an active heterodimeric complex with GABA-B receptor subunit 1, neither of which is effective on its own. Allelic variants of this gene have been associated with nicotine dependence.[provided by RefSeq, Jan 2010]
Usage	Research use only
Conjugate	Unconjugated



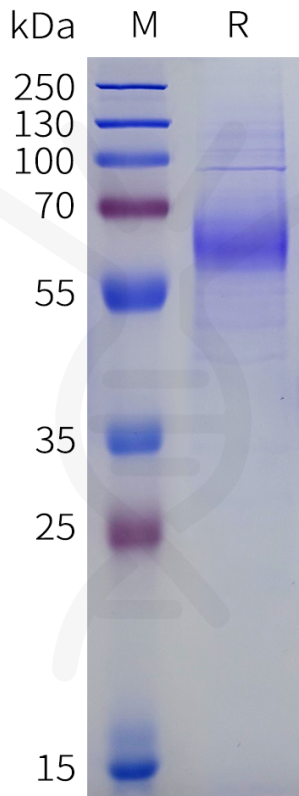


Figure 1. Human GABBR2 Protein, His Tag on SDS-PAGE under reducing condition.

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