PRODUCT INFORMATION

Target	DRD2
Synonyms	D2R; D2DR
Description	Recombinant human DRD2 Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P14416
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	DRD2(Met1-Asn35) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 30.3 kDa after removal of the signal peptide. The apparent molecular mass of DRD2-hFc is approximately 35-55 kDa due to glycosylation.
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 the D2 subtype of the dopamine receptor. This G-protein coupled receptor inhibits adenylyl cyclase activity. A missense mutation in this gene causes myoclonus dystonia; other mutations have been associated with schizophrenia. Alternative splicing of this gene results in two transcript variants encoding different isoforms. A third variant has been described, but it has not been determined whether this form is normal or due to aberrant splicing. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

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Human DRD2 Protein, hFc Tag

Cat. No. PME101721

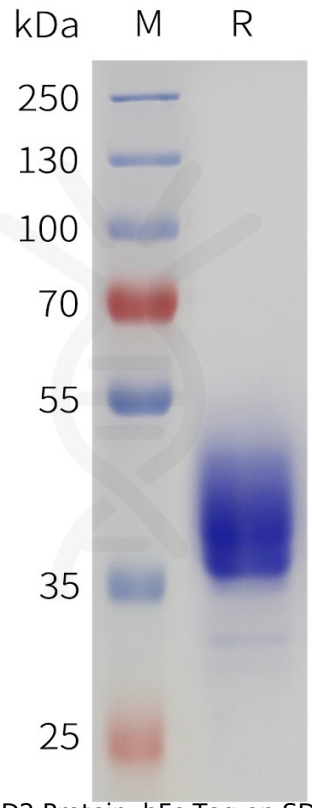


Figure 1. Human DRD2 Protein, hFc Tag on SDS-PAGE under reducing condition.

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