PRODUCT INFORMATION

Target	DRD5
Synonyms	DBDR; DRD1B; DRD1L2
Description	Recombinant human DRD5 Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P21918
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	DRD5(Met1-Ser39) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 29.9 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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
Background	This gene encodes the D5 subtype of the dopamine receptor. The D5 subtype is a G-protein coupled receptor which stimulates adenylyl cyclase. This receptor is expressed in neurons in the limbic regions of the brain. It has a 10-fold higher affinity for dopamine than the D1 subtype. Pseudogenes related to this gene reside on chromosomes 1 and 2. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

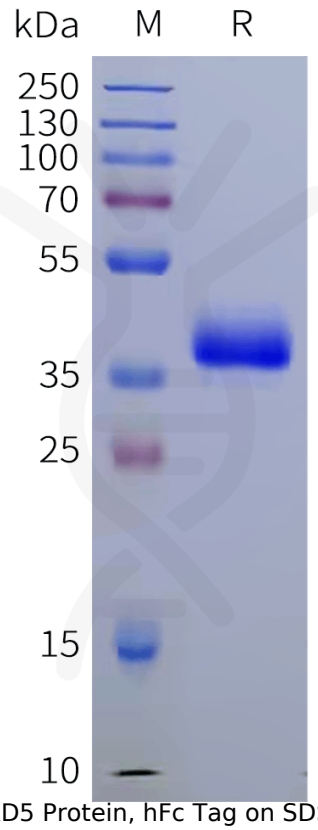

Figure 1. Human DRD5 Protein, hFc Tag on SDS-PAGE under reducing condition.