

PRODUCT INFORMATION

DRD2 **Target**

Synonyms D2R; D2DR

Recombinant human DRD2 Protein with C-**Description**

terminal human Fc tag

Delivery In Stock **Uniprot ID** P14416 **Expression Host HEK293**

Tag C-Human Fc tag

Molecular

Storage & Shipping

Background

DRD2(Met1-Asn35) hFc(Glu99-Ala330) Characterization

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 **Molecular Weight**

approximately 35-55 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. 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.

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]

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Usage Research use only

Unconjugated Conjugate

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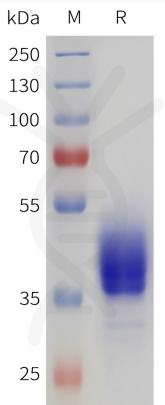


Figure 1. Human DRD2 Protein, hFc Tag on SDS-PAGE under reducing condition.

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