

Recombinant Human DRD2 Protein, His-tagged

Cat. No. DRD2-17H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of Human dopamine receptor D2 (DRD2), transcript variant 1, Ile214-Gln373, with N-terminal His tag, expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	214-373 a.a.
Description	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.
Molecular Mass	18.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	50mM Tris, 8M Urea, pH8.0.

GENE INFORMATION

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Gene Name	DRD2 dopamine receptor D2 [Homo sapiens (human)]
Official Symbol	DRD2
Synonyms	DRD2; dopamine receptor D2; D2R; D2DR; D(2) dopamine receptor; dopamine D2 receptor; dopamine receptor D2 isoform; seven transmembrane helix receptor
Gene ID	1813
mRNA Refseq	NM_000795
Protein Refseq	NP_000786
MIM	126450
UniProt ID	P14416

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