

## Recombinant Human DRD2 Protein, His-tagged

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

### SPECIFICATION

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

### GENE INFORMATION

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

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