

PRODUCT INFORMATION

Tag	N-His, C-Single Strep Tag
Expression Host	E.coli
Target	DRD2
Description	Human DRD2 cell-free full length protein-Detergent
Synonyms	D2DR; D2R
Uniprot ID	P14416
Protein Families	Druggable Genome, GPCR, Transmembrane
Protein Pathways	Gap junction, Neuroactive ligand-receptor interaction
Molecular Weight	The human DRD2 cell-free full length protein-Detergent has a MW of 52.8kDa
Delivery	1 week
Formulation & Reconstitution	Liquid, 50mM HEPES, 150mM NaCl, 0.06M, 0.012%CHS, 1mM EDTA, pH7.5
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
Storage&Shipping	Store at -80°C, Ship on dry ice.
Purity	>80%
Background	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.
Usage	Research use only
Conjugate	Unconjugated



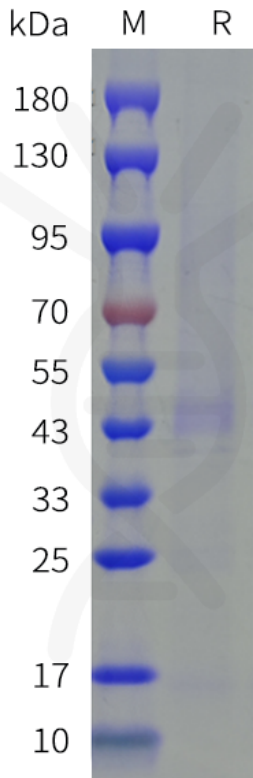


Figure 1. Human DRD2 cell-free-Detergent, N-His, C-Single Strep Tag on SDS-PAGE.

