

Dopamine Receptor D2 (DRD2) Recombinant Protein | DRD2 recombinant protein

Recombinant Dopamine Receptor D2 (DRD2)

CATALOG # AAA148315	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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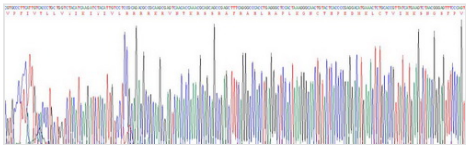
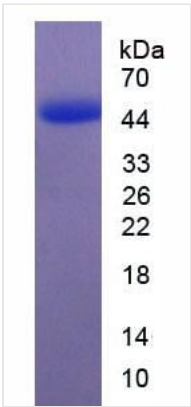
PRODUCT SYNONYMS

Dopamine Receptor D2 (DRD2); Recombinant Dopamine Receptor D2 (DRD2); DR-D2; D2DR; D2R; DRD2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose .
Concentration	Original Concentration: 70ug/mL (varies by lot)
Applicable Applications for DRD2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Val200-Ile384
Tags	N-terminal His Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	11.6
Usage	Reconstitute in ddH2O to a concentration of 0.1-0.5 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Identification
Figure. Gene Sequencing (extract

SDS-PAGE

PFIVTLLVYI KIYIVLRRRR KRVNTRKSSR AFRAHLRAPL KGNCTHPEDM V
KLCTVIMKSN GSFVNRNRRV EAARRAQELE MEMLSTSPSP ERTRYSPIPP
SHHQLTLDPD SHHGLHSTPD SPAKPEKNGH AKDHPKIAKI FEIQTMPNGK
TRTSLKTMSR RKLSQQKEKK ATQMLAIVLG VFII

Sequence

ADDITIONAL INFORMATION

Product Categories/Family for DRD2 recombinant protein Signal transduction; Metabolic pathway; Neuroscience; Dermatology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503385
NCBI GeneID	1813
NCBI Accession #	NP_000786.1
NCBI GenBank Nucleotide #	NM_000795.3
UniProt Accession #	P14416; Q9NZR3; Q9UPA9
Molecular Weight	Predicted Molecular Mass: 24.9kDa Accurate Molecular Mass: 26kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	D(2) dopamine receptor isoform long
NCBI Official Synonym Full Names	dopamine receptor D2
NCBI Official Symbol	DRD2
NCBI Official Synonym Symbols	D2R; D2DR
NCBI Protein Information	D(2) dopamine receptor
UniProt Protein Name	D(2) dopamine receptor
UniProt Gene Name	DRD2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.