

Recombinant Full Length Dog D(2) Dopamine Receptor(Drd2) Protein, His-Tagged

Cat. No. RFL3849CF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Dog D(2) dopamine receptor(DRD2) Protein (Q9GJU1) (1-443aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Dog
Source	E.coli
ProteinLength	Full Length (1-443)
Form	Lyophilized powder
AA Sequence	MDPLNLSWYDDDDLESQNWSRPFNGSEGKPGKPHYNYAMLLTLLIFIIVFGNVLVCM AVS REKALQTTTNYLIVSLAVADLLVATLVMPWVVYLEVVGWKFSSRIHCDIFVTLDV MMCTA SILNLCAISIDRYTAVAMPMLYNTRYSSKRRRTVMIAIVWVLSFTISCPLLFG NNTDQN ECIIANPAFVVYSSIVSFYVPFIVTLLVYIKIYIVLRRRRKRVNTERSSRAFR NLKAPL KGNCTHPEDMKLCTVIMKSNGSFPVNRVRVEAARRAQELEMELSSSTSP PERTRYSPIPP SHHQLTLPDPSHHGLHSTADSPAKPEKNGHAKDHPKIAKIFEIQSM PNGKTRTSLKTMSR RKLSQKKEKKATQMLAIVLGVFIICWLPFFITHILNIHCECNIPP VLYSAFTWLGYVNSA VNPIIYTTFNIEFRKAFLKILHC
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	DRD2
Synonyms	DRD2; D(2 dopamine receptor; Dopamine D2 receptor
UniProt ID	Q9GJU1

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