

Recombinant Full Length Takifugu Rubripes D(2)-Like Dopamine Receptor Protein, His-Tagged

Cat. No. RFL4645TF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Takifugu rubripes D(2)-like dopamine receptor Protein (P53453) (1-463aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Takifugu rubripes (Japanese pufferfish) (Fugu rubripes)
Source	E.coli
ProteinLength	Full Length (1-463)
Form	Lyophilized powder
AA Sequence	MDVFTQYAYNDSIFDNGTWSANETTKDETHPYNYAYMLLTLLIFVIVFGNVLVCMAS SRE KALQTTTNYLIVSLAVADLLVATLVMPWVVYLEVVGWRFSGIKHCDIFVTLTDM MCTASI LNLCAISIDRYTAVAMPMLYNTRYSSRRRVTVMISVWVLSFAISCPLLFGL NNTATRDQ SLCFIANPAFVYSSIVSFYVPFIVTLLVYVQIYVVLKRRKRKRVNTKPKQ RLCQAADPDI PTLKDKCTHPEDVRLCTMIVKSNGSFPVNKKKVIFIKDGVNEVEGL ELDELNYCGGSHK QPPPQQQPRALGDTPATSHQLLMSTKANASPTSTPPTPPEEG QRTEKNGDPTKEAQGNPA PVVALRNGKTQTSLKTLKSKRKISQQKEKKATQMLAIVL GVFIICWLPFFITHILNTHCTR CKVPAEMYNFTWLGYN SAVNPIIYTTFNVEFRKAF IKILHC
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

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	for up to one week.
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	d215
Synonyms	d215; D(2-like dopamine receptor
UniProt ID	P53453

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