

Recombinant Full Length Rat Alpha-1D Adrenergic Receptor(Adra1D) Protein, His-Tagged

Cat. No. RFL-14647RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Alpha-1D adrenergic receptor(Adra1d) Protein (P23944) (1-561aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length (1-561)
Form	Lyophilized powder
AA Sequence	MTFRDILSVTFEGPRSSSSTGGSGAGGGAGTVGPEGGAVGGVPGATGGGAVVGT GSGEDN QSSTGEPGAAASGEVNGSAAVGGLVVSAQGVGVGVFLAAFILTA VAGNL LVILSVACNRH LQTVTNFYFIVNLAVADLLLSAAVL PFSATMEVLGFWAFGR TFCDVW AAVDVLCCTASILS LCTISVD RYVGVRHSLKYP AIMTERKAAA IALLWAV ALVVS VG PLLGWKEPVP PDERFC GITEEVGYAIFSSVCSFYLPMAVIVVMYCRVYVVARSTTRS LEAGIKREPGKASEVVLRI HCRGAATSAKGYPGTQSSKGHTLRSSLSVRLLKFSREK KAAKTLAIVGVFVLCWFPFFF VLPLGSLFPQLKPSEG VFKVIFWLGYFN SCVNPLIY PCSSREFKRAFLRLLCQCRRRRR RLWAVYGH HWRASTGDARSDCAPSPRIAPP GAPLALTAHPGAGSADTPETQDSVSSSRKP ASALREWRLGLPLQRPTTQLRAKVS SLSHKIRSGARRAETACALRSEVEAVSLNVPQDGA EAVICQAYEPGDYSNLRETDI
Purity	Greater than 90% as determined by SDS-PAGE.

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Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C 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	Adra1d
Synonyms	Adra1d; Adra1a; Alpha-1D adrenergic receptor; Alpha-1A adrenergic receptor; Alpha-1D adrenoreceptor; Alpha-1D adrenoceptor; RA42
UniProt ID	P23944

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