

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 QSSTGEPGAAASGEVNGSAAVGGLVWSAQGVGVGVFLAAFILTAAGNL LVILSVACNRH LQVTNRYFIVNLAVADLLLSAAVLFPFSATMEVLGFWAFGRFTCDVW AAVDVLCCTASILS LCTISVDRYVGVRHSLKYPAIMTERKAAAILALLWAVALVVS VGLLWKEPVPPDERFC GITEEVGYAIFSSVCSFYLPMAVIVVMYCRVYVVARSTTRS LEAGIKREPGKASEVVLRI HCRGAATSAKGYPGTQSSKGHTLRSSLSVRLKFSREK KAAKTLAIVGVFVLCWFPFFF VLPLGSLFPQLKPSEG VFKVIFWLGYFNSCVNPLIY PCSSREFKRAFLRLRCQCRRRRR RLWAVYGHHRWASTGDARSDCAPSPRIAPP GAPLALTAHPGAGSADTPETQDSVSSSRKP ASALREWRLGLPLQRPPTQLRAKVS 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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