

Recombinant Full Length Takifugu Rubripes 5-Hydroxytryptamine Receptor 1A-Alpha(Htr1Aa) Protein, His-Tagged

Cat. No. RFL11034TF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Takifugu rubripes 5-hydroxytryptamine receptor 1A-alpha(htr1aa) Protein (O42385) (1-423aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Takifugu rubripes (Japanese pufferfish) (Fugu rubripes)
Source	E.coli
ProteinLength	Full Length (1-423)
Form	Lyophilized powder
AA Sequence	MDLRATSSNDSNATSGYSDTAAVDWDEGENATGSGSLPDPELSYQIITSLFLGALIL CSI FGNSCVVAAIALERSLQNVANYLIGSLAVTDLMSVSVLVPMAALYQVLNKWTLG QDICDL FIALDVLCTSSILHLCAIALDRYWAITDPIDYVNKRTPRRAAVLISVTWLIGF SISIPP MLGWRSAEDRANPDACIISQDPGYTIYSTFGAFYIPLILMLVLYGRIFKAARFR IRKTVK KTEKAKASDMCLTLSPAVFHKRANGDAVSAEWKRGYKFKPSSPCANGAV RHGEEMESLEI IEVNSNSKTHLPLPNTQPSSSHENINEKTTGTRRKIALARERKTVKT LGIIMGTFIFCWL PFFIVALVLPFCAENCYMPEWLGAVINWLGYSNSLLNPIIYAYFNK DFQSAFKILRCKF HRH
Purity	Greater than 90% as determined by SDS-PAGE.

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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	htr1aa
Synonyms	htr1aa; 5-hydroxytryptamine receptor 1A-alpha; 5-HT-1A-alpha; 5-HT1A-alpha; F1A; Serotonin receptor 1A-alpha
UniProt ID	O42385

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