

Recombinant Full Length *Xenopus laevis* 5-Hydroxytryptamine Receptor 1A(Htr1A) Protein, His-Tagged

Cat. No. RFL33317XF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length *Xenopus laevis* 5-hydroxytryptamine receptor 1A(htr1a) Protein (Q98998) (1-408aa), fused to N-terminal His tag, was expressed in *E. coli*.

Species *Xenopus laevis*

Source *E. coli*

ProteinLength Full Length (1-408)

Form Lyophilized powder

AA Sequence

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MDASNNTTSWNILQRGRMGPSWRRCPVSYQIIASLFLGRSFSAGIFGNACVIAAIALE
RS LQNVANYLIGSLAVTDLMVSVLVLPMAAQNVLNKWTLGQVTCDFISLDVLCCT
SSILH LCAIALDRYWAITDPIDYVNKRTPRRAAVLISITWIVGFSISIPPMLGWRTPEDR
SDPNA CRISEDPGYTIYSTFGAFYIPLILMLVLYGKIFKAARFRIKTVKKAEEKKKVAD
TCLSVS QQSPKEKQRGAQQELEEVGGAQAQRCVNGAIRHGEEGAVLEIIEVHHYV
NSKCHLHCKPV PPPEQLPPALKNDRATEAKRKVALARERKTVKTLGIIMGTFILCWL
PFFIVALVLPFCET CHMPHLLFDIITWLGYSNLLNPIIYAYFNKDFQSAFKKIIKCKFC
RQ
    
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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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 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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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.
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GENE INFORMATION

Gene Name	htr1a
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Synonyms	htr1a; 5-hydroxytryptamine receptor 1A; 5-HT-1A; 5-HT1A; x5-HT1A; Serotonin receptor 1A
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UniProt ID	Q98998
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