Recombinant Full Length Pongo Pygmaeus 5-Hydroxytryptamine Receptor 2A(Htr2A) Protein, His-Tagged

Cat. No. RFL35893PF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Pongo pygmaeus 5-hydroxytryptamine receptor 2A(HTR2A) Protein (Q5R4Q6) (1-471aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Pongo Pygmaeus
Source	E.coli
ProteinLength	Full Length (1-471)
Form	Lyophilized powder
AA Sequence	MDILCEENTSLSSTTNSLMQLNDDTRLYSNDFNSGEANTSDAFNWTVDSENRTNLS CEGC LSPSCLSLLHLQEKNWSALLTAVVIILTIAGNILVIMAVSLEKKLQNATNYFLMS LAIAD MLLGFLVMPVSMLTILYGYRWPLPSKLCAVWIYLDVLFSTASIMHLCAISLDRY VAIQNP IHHSRFNSRTKAFLKIIAVWTISVGISMPIPVFGLQDDSKVFKEGSCLLADDN FVLIGSF VSFFIPLTIMVITYFLTIKSLQKEATLCVSDLGTRAKLASFSFLPQSSLSSEKL FQRSIH REPGSYTGRRTMQSISNEQKACKVLGIVFSLFVVMWCPFFITNIMAVICKES CNEDVIGA LLNVFVWIGYLSSAVNPLVYTLFNKTYRSAFSRYIQCQYKENKKPLQLIL VNTIPALAYK SSQLQMGQKKNSKQDAKTTDNDCSMVALGKQHSEDASKDNSDGVN EKVSCV
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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	HTR2A
Synonyms	HTR2A; 5-hydroxytryptamine receptor 2A; 5-HT-2; 5-HT-2A; Serotonin receptor 2A
UniProt ID	Q5R4Q6

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