

Recombinant Human HTR2A protein, His-tagged

Cat. No. HTR2A-4899H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human HTR2A protein(387-471 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	387-471 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	YRSAFSRYIQCQYKENKKPLQLILVNTIPALAYKSSQLQMGQKKNKQDAKTTDNDNC SMVALGKQHSEEASKDNSDGVNEKVSCV
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/

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µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	HTR2A 5-hydroxytryptamine (serotonin) receptor 2A, G protein-coupled [Homo sapiens]
Official Symbol	HTR2A
Synonyms	HTR2A; 5-hydroxytryptamine (serotonin) receptor 2A, G protein-coupled; 5 hydroxytryptamine (serotonin) receptor 2A , HTR2; 5-hydroxytryptamine receptor 2A; 5 HT2A; 5-HT-2A; 5-HT2 receptor; serotonin 5-HT-2A receptor; HTR2; 5-HT2A;
Gene ID	3356
mRNA Refseq	NM_000621
Protein Refseq	NP_000612
MIM	182135
UniProt ID	P28223

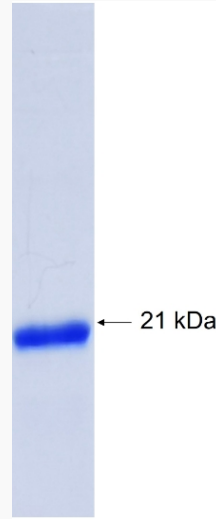
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SDS-PAGE



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