

Recombinant Human HTR7 Full Length Transmembrane protein (1-479 aa), His-tagged

Cat. No. HTR7-2727H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HTR7 Protein (1-479 aa) is produced by in vitro E. coli expression system. This protein is fused with a 10xHis tag at the N-terminal.
Species	Human
Source	E.coli
ProteinLength	1-479aa
Form	<p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>
Molecular Mass	56.4 kDa
AA Sequence	<p>MMDVNSSGRPDLYGHLRSFLLPEVGRGLPDLSPDGGADPVAGSWAPHLLSEVTAS PAPTWDAPPDNASGCGEQINYGRVEKVVIGSILTLITLLTIAGNCLVVISVCFVKKLRQ PSNYLIVSLALADLSVAVAVMPFVSVDLIGGKWIFGHFFCNVFIAMDVMCCTASIMT LCVISIDRYLGITRPLTYPVRQNGKCMAMILSVWLLSASITLPPLFGWAQNVNDDKV CLISQDFGYTIYSTAVAFYIPMSVMLFMYYQIYKAARKSAAKHKFPGFPRVEPDSVIAL NGIVKLQKEVEECANLSRLLKHERKNISIFKREQKAATTLGIIVGAFTVCWLPFFLLST ARPFICGTSCSCIPLWVERTFLWLGYANSLINPFYAFFNRDLRTTYRSLQCQYRNIN RKLSAAGMHEALKLAERPERPEFVLRACRTRVLLRPEKRPPVSVVWLQSPDHHNW</p>

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LADKMLTTVEKKVMIHD

Purity Greater than 85% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution 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%.

GENE INFORMATION

Gene Name [HTR7 5-hydroxytryptamine \(serotonin\) receptor 7, adenylyate cyclase-coupled \[Homo sapiens \]](#)

Official Symbol [HTR7](#)

Synonyms HTR7; 5-hydroxytryptamine (serotonin) receptor 7, adenylyate cyclase-coupled; 5 hydroxytryptamine (serotonin) receptor 7 (adenylyate cyclase coupled); 5-hydroxytryptamine receptor 7; 5 HT7; 5-HT-7; 5-HT-X; 5-hydroxytryptamine (serotonin) receptor 7 (adenylyate cyclase-coupled); 5-HT7;

Gene ID [3363](#)

mRNA Refseq [NM_000872](#)

Protein Refseq [NP_000863](#)

MIM [182137](#)

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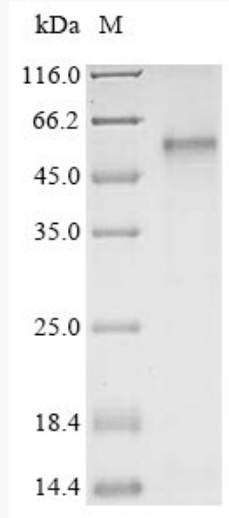
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UniProt ID

P34969

SDS-PAGE



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