

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	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	56.4 kDa
AA Sequence	MMDVNSSGRPDLYGHLRSFLLPEVGRGLPDLSPDGGADPVAGSWAPHLLSEVTAS PAPTWDAPPDNASGCGEQINYGRVEKVVIGSILTLLTIAGNCLVVISVCFVKKLRQ PSNYLIVSLALADLSVAVAVMPFVSVDLIGGKWIFGHFFCNVFIAMDVMCCTASIMT LCVISIDRYLGITRPLTYPVRQNGKCMAMLSVWLLSASITLPPLFGWAQNVNDDKV CLISQDFGYTIYSTAVAFYIPMSVMLFMYYQIYKAARKSAAKHKFPGFPRVEPDSVIAL NGIVKLQKEVEECANLSRLLKHERKNISIFKREQKAATTLGIIVGAFTVCWLPFFLLST ARPFICGTSCSCIPLWVERTFLWLGYANSLINPFYAFFNRDLRTTYRSLQCYRNIN RKLSAAGMHEALKLAERPERPEFVLRACRRVLLRPEKRPPVSVWVLQSPDHHNW

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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, adenylate cyclase-coupled [Homo sapiens]
Official Symbol	HTR7
Synonyms	HTR7; 5-hydroxytryptamine (serotonin) receptor 7, adenylate cyclase-coupled; 5-hydroxytryptamine (serotonin) receptor 7 (adenylate cyclase coupled); 5-hydroxytryptamine receptor 7; 5 HT7; 5-HT-7; 5-HT-X; 5-hydroxytryptamine (serotonin) receptor 7 (adenylate cyclase-coupled); 5-HT7;
Gene ID	3363
mRNA Refseq	NM_000872
Protein Refseq	NP_000863
MIM	182137

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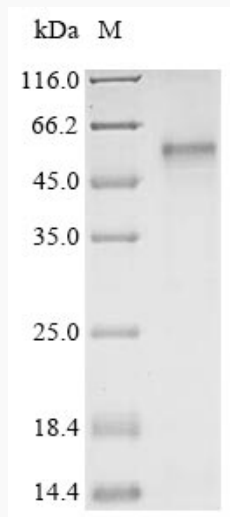
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UniProt ID

P34969

SDS-PAGE

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