

# Recombinant Human HTR3D Transmembrane protein (221-454 aa), His-SUMO-tagged

Cat. No. HTR3D-2713H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human HTR3D Protein (221-454 aa) is produced by in vitro E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	221-454aa
<b>Form</b>	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.
<b>Molecular Mass</b>	41.5kDa
<b>AA Sequence</b>	VAIRRRRCRPSYVVNFLVPSGILIAIDALSFYLPLESGNCAPFKMTVLLGYSVFLMMN DLLPATSTSSHASLVAPLALMQTPLPAGVYFALCLSLMVGSLLLETIFITHLLHVATTQP LPLPRWLHSLLLHCTGQGRCCPTAPQKGNKGPGLTPTHLPGVKEPEVSAGQMPGP GEAELTGGSEWTRAQREHEAQKQHSVELWVQFSHAMDALLFRLLYLLFMASIIITVIC LWNT
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.

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**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** [HTR3D 5-hydroxytryptamine \(serotonin\) receptor 3D, ionotropic \[ Homo sapiens \]](#)

**Official Symbol** [HTR3D](#)

**Synonyms** HTR3D; 5-hydroxytryptamine (serotonin) receptor 3D, ionotropic; 5 hydroxytryptamine (serotonin) receptor 3 family member D; 5-hydroxytryptamine receptor 3D; serotonin receptor 3D; serotonin 5-HT-3D receptor; 5-hydroxytryptamine receptor 3 subunit D; 5-hydroxytryptamine (serotonin) receptor 3 family member D; 5HT3D; MGC119636; MGC119637;

**Gene ID** [200909](#)

**mRNA Refseq** [NM\\_001145143](#)

**Protein Refseq** [NP\\_001138615](#)

**MIM** [610122](#)

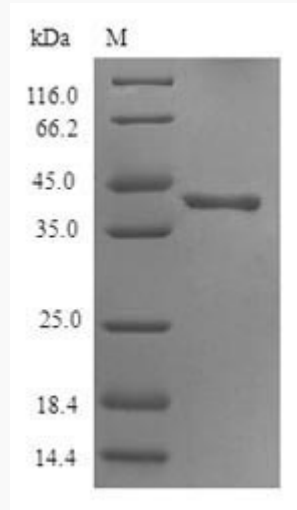
**UniProt ID** [Q70Z44](#)

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**SDS-PAGE**



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