

Recombinant Human RTP1 protein, His-tagged

Cat. No. RTP1-7854H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RTP1 protein(3-227 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	3-227 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. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	RPWRLRCPALHLP SLSVFS LRWKLPSLT TDETMCKSVTTDEWKKVFYEKMEEAKPA DSWDLIIDPNLKHNV LSPGWKQYLELHASGRFHC SWCWHWTWQSPYVVILFHMFLDR AQRAGSVRMRVFKQLCYECGTARLDESSMLEENIEGLVDNLITSLREQCYGERGGQ YRIHVASRQDNRRHRGEFCEACQEGIVHWKPSEKLL EEEATTYTFSRAPSP TKSQD Q
Purity	90%, by SDS-PAGE.
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.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	RTP1 receptor (chemosensory) transporter protein 1 [Homo sapiens]
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Official Symbol	RTP1
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Synonyms	RTP1; receptor (chemosensory) transporter protein 1; receptor transporter protein 1; receptor-transporting protein 1; MGC35450; receptor transporting protein 1;
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mRNA Refseq	NM_153708
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Protein Refseq	NP_714919
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MIM	609137
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UniProt ID	P59025
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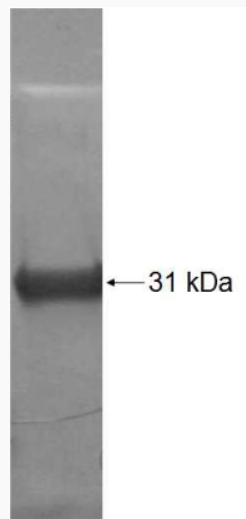
Gene ID	132112
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SDS-PAGE



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