

Recombinant Human RASSF7 protein, GST-tagged

Cat. No. RASSF7-295H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RASSF7 protein(91-292 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	91-292 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 8.0). 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 100 mM reduced glutathione (GSH).
AASequence	LAGRPSSDSCPPPERCLIRASLPVKPRAALGCEPRKLTPEPAPSLSRPGPAAPVTP TPGCCTDLRGLRLRVQRNAEELGHEAFWEQELRREQAREREGQARLQALSAATAE HAARLQALDAQARALEAELQLAAEAPGPPSPMASATERLHQDLAVQERQSAEVQG SLALVSRALAAERALQAQAQEEELNRELRCNL
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.

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Reconstitution Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/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	RASSF7 Ras association (RalGDS/AF-6) domain family (N-terminal) member 7 [Homo sapiens]
Official Symbol	RASSF7
Synonyms	RASSF7; Ras association (RalGDS/AF-6) domain family (N-terminal) member 7; C11orf13, chromosome 11 open reading frame 13; ras association domain-containing protein 7; HRAS1; HRC1; HRAS1-related cluster-1; HRAS1-related cluster protein 1; Ras association (RalGDS/AF-6) domain family 7; C11orf13; MGC126069; MGC126070;
Gene ID	8045
mRNA Refseq	NM_001143993
Protein Refseq	NP_001137465
MIM	143023
UniProt ID	Q02833

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SDS-PAGE

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