

Recombinant Human RAB8A protein, GST-tagged

Cat. No. RAB8A-2135H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human RAB8A protein(31-194 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	31-194 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	DAFNSTFISTIGIDFKIRTIELDGKRIKLQIWDTAGQERFRTITTAYYRGAMGIMLVYDIT NEKSFDNIRNWIRNIEEHASADVEKMILGNKCDVNDKRQVSKERGEKLALDYGIKFM ETSAKANINVENAFFTLARDIKAKMDKKLEGNSPQGSNQGKVTITPD
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

RAB8A RAB8A, member RAS oncogene family [Homo sapiens]

Official Symbol

RAB8A

Synonyms

RAB8A; RAB8A, member RAS oncogene family; MEL, mel transforming oncogene (derived from cell line NK14); ras-related protein Rab-8A; RAB8; oncogene c-mel; ras-associated protein RAB8; mel transforming oncogene (RAB8 homolog); mel transforming oncogene (derived from cell line NK14); mel transforming oncogene (derived from cell line NK14)- RAB8 homolog; MEL;

Gene ID

4218

mRNA Refseq

NM_005370

Protein Refseq

NP_005361

MIM

165040

UniProt ID

P61006

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SDS-PAGE



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