

Recombinant Human SAMM50 protein, His-tagged

Cat. No. SAMM50-3294H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SAMM50 protein(1-201 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-201 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.
AASequence	MGTVHARSLEPLPSSGPDFGGLGEEAEFVEVEPEAKQEILENKDVVVQHVHFDGLG RTKDDIIICEIGDVFKAKNLIEVMRKSHAREKLLRLGIFRQVDVLIDTCQGDDALPNG LDVTFEVTELRRLTGSYNTMVGNNEGSMVLGLKLPNLLGRAEKVTFQFSYGTKETS YGLSFFKPRPGNFERNFSVNLVKVTGQFPW
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 SAMM50 sorting and assembly machinery component 50 homolog (*S. cerevisiae*) [*Homo sapiens*]

Official Symbol SAMM50

Synonyms SAMM50; sorting and assembly machinery component 50 homolog (*S. cerevisiae*); sorting and assembly machinery component 50 homolog; CGI 51; OMP85; TOB55; TRG 3; YNL026W; sorting and assembly machinery 50kDa; transformation-related gene 3 protein; SAM50; TRG-3; CGI-51; FLJ35825; FLJ42905; FLJ99036;

Gene ID 25813

mRNA Refseq NM_015380

Protein Refseq NP_056195

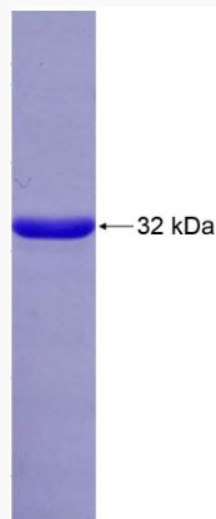
MIM 612058

UniProt ID Q9Y512

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SDS-PAGE

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