

Recombinant Full Length Human SAMM50 Protein, GST-tagged

Cat. No. SAMM50-3481HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CGI-51 full-length ORF (AAH07830, 1 a.a. - 468 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	468 amino acids
Description	This gene encodes a component of the Sorting and Assembly Machinery (SAM) of the mitochondrial outer membrane. The Sam complex functions in the assembly of beta-barrel proteins into the outer mitochondrial membrane.[provided by RefSeq, Jun 2011]
Molecular Mass	77.22 kDa
AA Sequence	MGTVHARSLEPLPSSGPDFGGLGEEAEFVEVEPEAKQEILENKDVVVQHVHFDGLG RTKDDIIICEIGDVFKAKNLIEVMRKSSHEAREKLLRLGIFRQVDVLIDTCQGDDALPNG LDVTFEVTELRRLTGSYNTMVGNNEGSMVLGLKLPNLLGRAEKVTFQFSYGTKETS YGLSFFKPRPGNFERNFSVNLKVTGQFPWSSLRETDRGMSAEYSFPIWKTSHTVK WEGVWRELGLSRTASFAVRKESGHSLKSSLSHAMVIDSRNSSILPRRGALLKVNQ ELAGYTGGDVSVFIKEDFELQLNKQLIFDSVFSASFWGGMLVPIGDKPSSIADRFYLG PTSVRGFSMHSIGPQSEG DYLGGEAYWAGLHLYTPLFRPGQGGFGELFRTHFFLN AGNLCNLNYGEGPKAHIKLAECIRWSYGAGIVLRLGNIARLELNYCVPMTGVQTGDR

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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

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UniProt ID

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