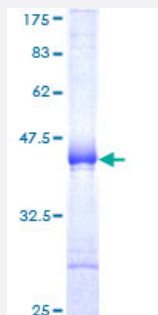


SUMO3 (Human) Recombinant Protein (Q01)

Catalog # H00006612-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SUMO3 partial ORF (NP_008867, 1 a.a. - 103 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSEEEKPKEGVKTENDHINKVAGQDGSVVQFKIKRHTPLSKLMKAYCERQGLSMRQIRFRFDGQ PINETDTPAQLEMEDEDTIDVFQQQTGGVPESLAGHSF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.07
Interspecies Antigen Sequence	Mouse (100); Rat (99)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SUMO3

Entrez GeneID [6612](#)

GeneBank Accession# [NM_006936](#)

Protein Accession# [NP_008867](#)

Gene Name SUMO3

Gene Alias SMT3A, SMT3H1, SUMO-3

Gene Description SMT3 suppressor of mif two 3 homolog 3 (S. cerevisiae)

Omim ID [602231](#)

Gene Ontology [Hyperlink](#)

Gene Summary SUMO proteins, such as SUMO3, and ubiquitin (see MIM 191339) posttranslationally modify numerous cellular proteins and affect their metabolism and function. However, unlike ubiquitination, which targets proteins for degradation, sumoylation participates in a number of cellular processes, such as nuclear transport, transcriptional regulation, apoptosis, and protein stability (Su and Li, 2002 [PubMed 12383504]).[supplied by OMIM]

Other Designations OTTHUMP00000115275|SMT3 suppressor of mif two 3 homolog 1|small ubiquitin-like modifier protein 3

Disease

- [Adenocarcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)

- [Pancreatic Neoplasms](#)