

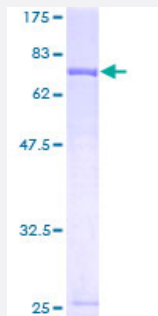
Full-Length

SMU1 (Human) Recombinant Protein (P01)

Catalog # H00055234-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SMU1 full-length ORF (AAH02876, 1 a.a. - 513 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSIEIESSDVIRLIMQYLKENS LHRALATLQEETTVSLNTVDSIESFVADINSGHWDTVLQAIQSLKLP
DKTLIDLYEQVVLELIELRELGAARSLRQTDPMIMLKQTQPERYIHLENLLARSYFDPREAYPDGSS
KEKRRAAIAQALAGEVSVPPSRLMALLGQALKWQQHQGLLPPGMTIDLFRGKAAVKDVEEEKF
PTQLSRHIKFGQKSHVECARFSPDGQYLVTGSVDGFIEVWNFTTGKIRKDLKYQAQDNFMMDD
AVLCMCFSRDTEMLATGAQDGKIKVWKIQSGQCLRRFERAHSKGVTCLSFSKDSSQILSASFDQ
TIRIHGLKSGKTLKEFRGHSSFVNEATFTQDGHYIASSDGTVKIWNMKTTECSNTFKSLGSTAGT
DITVNSVILLPKNPEHFVVCNRSNTVIMNMQGQIVRSFSSGKREGGDFVCCALSPRGEWIYCVG
EDFVLYCFSTVTGKLERTLTVHEKDVIGIAHHPHQNLATYSEDGLLKLWKP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

82.17

Interspecies Antigen Sequence

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 — SMU1

Entrez GeneID	55234
GeneBank Accession#	BC002876
Protein Accession#	AAH02876
Gene Name	SMU1
Gene Alias	BWD, DKFZp761L0916, FLJ10805, FLJ10870, FLJ11970, MGC117363, RP11-54K16.3, SMU-1, fSAP57
Gene Description	smu-1 suppressor of mec-8 and unc-52 homolog (C. elegans)
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000021186 brain-enriched WD-repeat protein functional spliceosome-associated protein 57 smu-1 suppressor of mec-8 and unc-52 homolog

Disease

- [Tobacco Use Disorder](#)