

SEP15 recombinant protein

SEP15 protein (His tag)

CATALOG # AAA224558	HOST Human	APPLICATIONS SDS-Page
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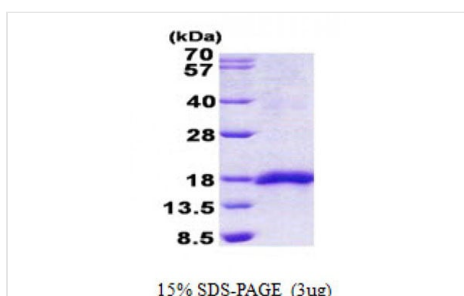
PRODUCT SYNONYMS

SEP15; SEP15 protein (His tag); 15 kDa selenoprotein protein; SC96C protein; SC96C; SEP15 recombinant protein

PRODUCT SPECIFICATIONS

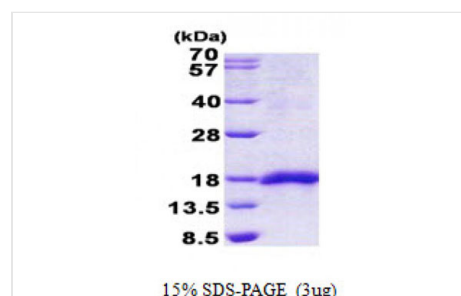
Host	Human
Purity/Purification	> 95% pure
Form/Format	Supplied in liquid form in 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Concentration	500 ug/ml (varies by lot)
Sequence	29-165aa:M GSSHHHHHHS SGLVPRGSHM GSVSAFGAEF SSEACRELGF SSNLLCSSCD LLGQFNLLQL DPDCRGCCQE EAQFETKKLY AGAILEVCGC KLGRFPQVQA FVRSDKPKLF RGLQIKYVRG SDPVLKLLDD NGNIAEELSI LKWNTDSVEE FLSEKLERI
Sequence Length	63
Applicable Applications for SEP15 recombinant protein	SDS-PAGE
Protein Type	Recombinant
Biological Significance	SEP15 is a selenoprotein, which contains a selenocysteine (Sec) residue at its active site. The selenocysteine is encoded by the UGA codon that normally signals translation termination. The 3' UTR of selenoprotein genes have a common stem-loop structure, the sec insertion sequence (SECIS), that is necessary for the recognition of UGA as a Sec codon rather than as a stop signal. Studies in mouse suggest that this selenoprotein may have redox function and may be involved in the quality control of protein folding. This gene is localized on chromosome 1p31, a genetic locus commonly mutated or deleted in human cancers. Recombinant human SEP15 (SC96C) protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Expression System	E Coli
Tag/Conjugate	His tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

Figure annotation denotes ug of protein loaded and % gel used.



SDS-PAGE

Figure annotation denotes ug of protein loaded and % gel used.

ADDITIONAL INFORMATION

Related Product Information for SEP15 recombinant protein	Purified recombinant SEP15 protein (His tag)
Product Categories/Family for SEP15 recombinant protein	Signal Transduction ; Conjugated Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	649138137
Molecular Weight	17.7 kDa
NCBI Official Full Name	SEP15, partial

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/sep15-recombinant-protein-human-sds-page/224558>