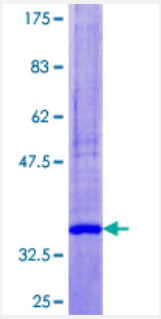
Full-Length

SELK (Human) Recombinant Protein (P01)

Catalog # H00058515-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SELK full-length ORF (NP_067060.2, 1 a.a. - 91 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MVYISNGQVLDSRSQSPWRLSLITDFFWGIAEFVVLFFKTLLQQDVKKRRSYGNSSDSRYDDGRG PPGNPPRRMGRINHLRGPSPPPMAGG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.7
Interspecies Antigen Sequence	Mouse (91); Rat (93)
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 — SELK

Entrez GeneID	58515
GeneBank Accession#	NM_021237.3
Protein Accession#	NP_067060.2
Gene Name	SELK
Gene Alias	HSPC030, HSPC297, MGC17057
Gene Description	selenoprotein K
Omim ID	607916
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a selenoprotein, which contains a selenocysteine (Sec) residue at its active si te. 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 sequen ce (SECIS), that is necessary for the recognition of UGA as a Sec codon rather than as a stop sig nal. This selenoprotein is localized to the endoplasmic reticulum and is highly expressed in the he art, where it may function as an antioxidant. [provided by RefSeq
Other Designations	-