

Recombinant Human SEPP1 Protein (20-381 aa), His-tagged

Cat. No. SEPP1-802H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SEPP1 Protein (20-381 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Human
Source	E.coli
ProteinLength	20-381 aa
Description	Might be responsible for some of the Extracellular domain antioxidant defense properties of selenium or might be involved in the transport of selenium. May supply selenium to tissues such as brain and testis.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	44.6 kDa
AA Sequence	ESQDQSSLCKQPPAWSIRDQDPMLNSNGSVTVVALLQASSYLCILQASKLEDLRVKL KKEGYSNISYIVVNHQGISSRLKYTHLKNKVSEHIPVYQQEENQTDVWTLNLSKDD FLIYDRCGRLVYHLGLPFSFLTTPYVEEAIKIAYCEKKCGNCSLTTLKDEDFCKRVSLA TVDKTVETPSPHYHHEHHNHGHQHLGSSELSSENQQPGAPNAPTHPAPPGLHHHH KHKGQHRQGH PENRDM PASEDLQDLQKKLCRKRCINQLLCKLPTDSELAPRSSCC HCRHLIFEKTGSAITSQCKENLPSLCSSQGLRAEENITESCQSRLPPAASQISQQLIPT EASASSRSKNQAKKSESPSN

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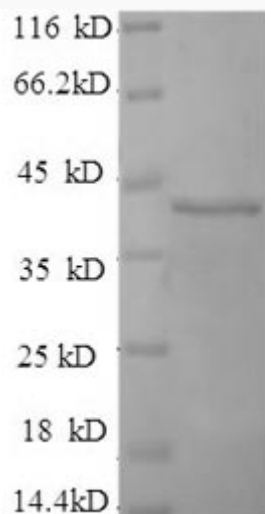
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.
GENE INFORMATION	
Gene Name	SEPP1 selenoprotein P, plasma, 1 [Homo sapiens]
Official Symbol	SEPP1
Synonyms	SEPP1; selenoprotein P; SeP; SELP;
Gene ID	6414
mRNA Refseq	NM_001085486
Protein Refseq	NP_001078955
MIM	601484
UniProt ID	P49908

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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