

Recombinant Human SEPHS1 Protein, His-tagged

Cat. No. SEPHS1-334H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SEPHS1, transcript variant 3, fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes an enzyme that synthesizes selenophosphate from selenide and ATP. Selenophosphate is the selenium donor used to synthesize selenocysteine, which is co-translationally incorporated into selenoproteins at in-frame UGA codons.
Form	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1% Sarkosyl.
Molecular Mass	35.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	SEPHS1 selenophosphate synthetase 1 [Homo sapiens]
Official Symbol	SEPHS1

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Synonyms	SEPHS1; selenophosphate synthetase 1; selenide, water dikinase 1; SPS; SPS1; selenium donor protein 1; selenophosphate synthase 1; selenophosphate synthetase 1 +E9; selenophosphate synthetase 1 +E9a; selenophosphate synthetase 1 major; selenophosphate synthetase 1 delta E2; selenophosphate synthetase 1 delta E8; SELD; MGC4980;
Gene ID	22929
mRNA Refseq	NM_001195602
Protein Refseq	NP_001182531
MIM	600902
UniProt ID	P49903