

Recombinant Human SEPHS2 Protein, MYC/DDK-tagged

Cat. No. SEPHS2-770H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SEPHS27 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
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. Genes encoding selenocysteine contain a stem-loop secondary structure in their 3' UTR called a selenocysteine insertion sequence (SECIS) element. The protein encoded by this gene contains a selenocysteine residue in its predicted active site. There is a pseudogene for this gene on chromosome 5. [provided by RefSeq, Aug 2013].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	47.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	selenophosphate synthetase 2[Homo sapiens]
Official Symbol	SEPHS2
Synonyms	SPS2; SPS2b
Gene ID	22928
Protein Refseq	NP_036380
MIM	606218

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