

Recombinant Human SEPHS2 protein, His&Myc-tagged

Cat. No. SEPHS2-6545H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SEPHS2 protein(Q99611)(2-448aa(U60S)), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	2-448aa(U60S)
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	54.6 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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AA Sequence

AEASATGACGEAMAAAEGSSGPAGLTLGRSFSNYRPFEPQALGLSPSWRLTGFSG
 MKGSGCKVPQEALLKLLAGLTRPDVRPPLGRGLVGGQEEASQEAGLPAGAGPSPT
 FPALGIGMDSCVIPLRHGGLSLVQTTDFFYPLVEDPYMMGRIACANVLSPLYAMGITE
 CDNMLMLLSVSQSMSEEEREKVTPLMVKGFRDAAEEGGTAVTGGQTVVNPWIIIGG
 VATVVCQPNEFIMPDSAVVGDLVLTKPLGTQVAVNAHQWLDNPERWNKVKMVVS
 REEVELAYQEAMFNMATLNRTAAGLMHTFNAAHAATDITGFGILGHSQNLAKQQRNE
 VSFVIHNLPIIAKMAAVSKASGRFGLLQGTSAETSGGLLICLPREQAARFCSEIKSSKY
 GEGHQAWIVGIVEKGNRTARIIDKPRVIEVLPRGATAAVLAPDSSNASSEPSS

GENE INFORMATION

Gene Name [SEPHS2 selenophosphate synthetase 2 \[Homo sapiens \]](#)

Official Symbol [SEPHS2](#)

Synonyms [SEPHS2](#); selenophosphate synthetase 2; selenide, water dikinase 2; SPS2; selenium donor protein 2; selenophosphate synthase 2;

Gene ID [22928](#)

mRNA Refseq [NM_012248](#)

Protein Refseq [NP_036380](#)

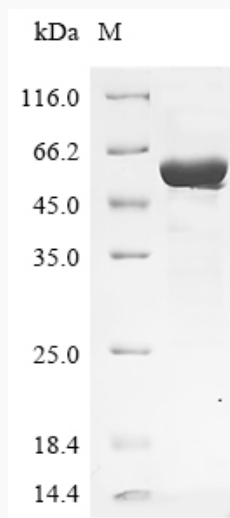
MIM [606218](#)

UniProt ID [Q99611](#)

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SDS-PAGE

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