

Recombinant Human SEPHS2 protein, His-tagged

Cat. No. SEPHS2-6443H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SEPHS2 protein(Q99611)(2-448aa(U60S)), fused with C-terminal His tag, was expressed in Yeast.
Species	Human
Source	Yeast
ProteinLength	2-448aa(U60S)
Tag	C-His
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	48.2 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

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

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concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

AEASATGACGEAMAAAEGSSGPAGLT LGRSFSNYRPFEPQALGLSPSWRLTGFSG
 MKGSGCKVPQEALLKLLAGLTRPDVRPPLGRGLVGGQEEASQEAGLPAGAGPSPT
 FPALGIGMDSCVIPLRHGGLSLVQTDDFFYPLVEDPYMMGRIACANVLSPLYAMGITE
 CDNMLMLLSVSQSMSEEEEREKVTPLMVKGFRDAAEEGGTAVTGGQTVVNPWIIIGG
 VATVVCQPNEFIMPDSAVVGDVLVLT KPLGTQVAVNAHQWLDNPERWNKVKMVVS
 REEVELAYQEAMFNMATLNRTAAGLMHTFNHAHAATDITGFGILGHSQNLAKQQRNE
 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](#)

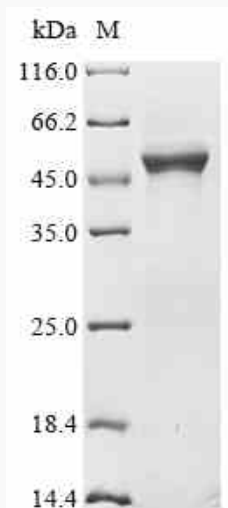
UniProt ID [Q99611](#)

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SDS-PAGE



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