

## Selenoprotein X 1 Human Recombinant

<b>Item Number</b>	rAP-4742
<b>Synonyms</b>	Methionine-R-sulfoxide reductase B1, MsrB1, Selenoprotein X, SelX, SEPX1, SELR, SELX, HSPC270, MGC3344.
<b>Description</b>	SEPX1 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 136 amino acids (1-116 a.a.) and having a molecular mass of 14.8kDa. In bacteria, the selenocystein (Sec/U) element is positioned directly following the UGA
<b>Uniprot Accession Number</b>	Q9NZV6
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSSLVPRGSH MSFCSFFGGE VFQNHFEPLV YVCAKCGYEL FSSRSKYAHS SPW-PAFTETI HADSVAKRPE HNRSEALKVS CGKCGNGLGH EFLNDGPKPG QSRFCIFSSS LKFVPKPKET SASQGH.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	The SEPX1 solution (0.5 mg/ml) contains 20mM Tris-HCl Buffer (pH 7.5), 1mM DTT, 0.1mM PMSF, 2mM EDTA and 10% Glycerol. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**