

## Recombinant Human SELM protein(Ala24-Leu145), His-tagged

Cat. No. SELM-550H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SELM (Q8WWX9) (Ala 24-Leu 145) was expressed in E. coli, fused with a polyhistidine tag at the C-terminus and an initial Met at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ala24-Leu145
<b>Form</b>	Lyophilized from sterile 50mM Tris, 50mM NaCl, 50mM Arg, 0.3% Tween 20, 5% glycerol, pH 8.5 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human SELM comprises 133 amino acids and has a calculated molecular mass of 15.4KDa. It migrates as an approximately 19 kDa band d in SDS-PAGE under reducing conditions.
<b>Purity</b>	> 97 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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## GENE INFORMATION

<b>Gene Name</b>	SELM selenoprotein M [ Homo sapiens ]
<b>Official Symbol</b>	<a href="#">SELM</a>
<b>Synonyms</b>	SELM; selenoprotein M; selenoprotein SelM; SEPM; MGC40146;
<b>Gene ID</b>	<a href="#">140606</a>
<b>mRNA Refseq</b>	<a href="#">NM_080430</a>
<b>Protein Refseq</b>	<a href="#">NP_536355</a>

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