

## Recombinant Human SEP15 protein, His-tagged

**Cat. No.** SEP15-591H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SEP15 (29-165aa) fused with His tag was expressed in E. coli.                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                    |
| <b>Source</b>           | E.coli                                                                                                                                                                                   |
| <b>ProteinLength</b>    | 29-165aa                                                                                                                                                                                 |
| <b>Form</b>             | Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT                                                                                                    |
| <b>Molecular Mass</b>   | 17.7 kDa (160aa) confirmed by MALDI-TOF                                                                                                                                                  |
| <b>AA Sequence</b>      | MGSSHHHHHH SSGLVPRGSH MGSVSAFGAE FSSEACRELG FSSNLLCSSC<br>DLLGQFNLLQ LDPDCRGCCQ EEAQFETKKL YAGAILEVCG CKLGRFPQVQ<br>AFVRSDKPKL FRGLQIKYVR GSDPVLKLLD DNGNIAEELS ILKWNTDSVE<br>EFLSEKLERI |
| <b>Purity</b>           | >95% by SDS - PAGE                                                                                                                                                                       |
| <b>Applications</b>     | SDS-PAGE                                                                                                                                                                                 |
| <b>Storage</b>          | Can be stored at 4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at - 20 centigrade or - 70 centigrade. Avoid repeated freezing and thawing cycles.        |

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**Concentration** 0.5 mg/ml (determined by Bradford assay)

## GENE INFORMATION

**Gene Name** SEP15 15 kDa selenoprotein [ Homo sapiens ]

**Official Symbol** SEP15

**Synonyms** 15 kDa selenoprotein

**Gene ID** 9403

**mRNA Refseq** NM\_004261

**Protein Refseq** NP\_004252

**MIM** 606254

**UniProt ID** O60613

**Chromosome  
Location** 1p31

**Pathway** Selenium Pathway, organism-specific biosystem

**Function** selenium binding

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