

## Product Datasheet

### Human IL15 protein (orb594793)

<b>Catalog Number</b>	orb594793
<b>Category</b>	Proteins
<b>Description</b>	This Human IL15 protein spans the amino acid sequence from region 49-162aa. Purity: Greater than 95% as determined by SDS-PAGE.
<b>Tag</b>	Tag-Free
<b>Form/Appearance</b>	Lyophilized powder
<b>Buffer/Preservatives</b>	Lyophilized from a 0.2 µm filtered 20 mM PB, 150 mM NaCl, pH 7.0
<b>Purity</b>	Greater than 95% as determined by SDS-PAGE.
<b>Protein Sequence</b>	NWVNVISDLKKIEDLIQSMHIDATLYTESDVHPSCKVTAMKCFLELQVISLES GDASIHDTV ENLILANNSLSSNGNVTESGCKECEEELEEKNIKEFLQSFVHIVQMFINTS
<b>Protein Length</b>	Full Length of Mature Protein
<b>UniProt ID</b>	<b>P40933</b>
<b>MW</b>	12.5 kDa
<b>Application notes</b>	Full Length of Mature Protein
<b>Endotoxins</b>	Less than 1.0 EU/µg as determined by LAL method.
<b>Source</b>	E.coli
<b>Biological Origin</b>	Homo sapiens (Human)
<b>Biological Activity</b>	The ED50 as determined in a cell proliferation assay using CTLL-2 mouse cytotoxic T cells is 40-200pg/ml.

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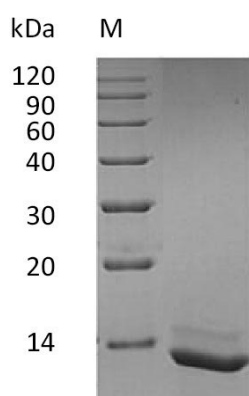
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**Expression Region** 49-162aa

**Storage** The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.

**Note** For research use only

**Expiration Date** 6 months from date of receipt.



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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