

## Product Datasheet

### Human IL7 protein (orb594798)

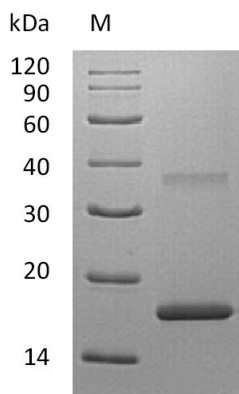
<b>Description</b>	Recombinant Human Interleukin-7(IL7) (Active)
<b>Endotoxins</b>	Less than 1.0 EU/μg as determined by LAL method.
<b>Preservatives</b>	Lyophilized from a 0.2 μm filtered 20 mM PB, 250 mM NaCl, pH 7.2
<b>Form/Appearance</b>	Lyophilized powder
<b>Storage</b>	The shelf life is related 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.
<b>Tag</b>	Tag-Free
<b>Note</b>	For research use only
<b>Application notes</b>	Full Length of Mature Protein
<b>Protein Sequence</b>	DCDIEGKDGKQYESVLMVSIQLLDSMKEIGSNCLNNEFNFFKRHICDANKEGMFLFRAAR KLRQFLKMNSTGDFDLHLLKVSEGTILLNCTGQVKGRKPAALGEAQPTKSLEENKSLKEQK KLNDLCFLKRLQLQEIKTCWNKILMGTKEH
<b>Biologically Active?</b>	Yes
<b>Biological Activity</b>	The ED50 as determined in a cell proliferation assay using PHA-activated human peripheral blood lymphocytes (PBL) is 0.02-0.08 ng/ml.
<b>Purity</b>	Greater than 95% as determined by SDS-PAGE.
<b>Source</b>	E.coli
<b>MW</b>	17.5 kDa
<b>Uniprot ID</b>	<b>P13232</b>
<b>Expiration Date</b>	6 months from date of receipt.

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

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