

Product Datasheet

Human IL7 protein (orb594803)

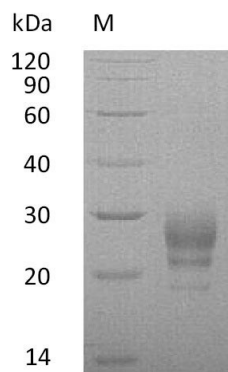
Description	Recombinant Human Interleukin-7(IL7) (Active)
Endotoxins	Less than 1.0 EU/μg as determined by LAL method.
Preservatives	Lyophilized from a 0.2 μm filtered 20 mM PB, 150 mM NaCl, pH 7.4
Form/Appearance	Lyophilized powder
Storage	The shelf life is related to many factors, storage state, buffer 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.
Tag	C-terminal 6xHis-tagged
Note	For research use only
Application notes	Full Length of Mature Protein
Protein Sequence	DCDIEGKDGKQYESVLMVSIQLLDSMKEIGSNCLNNEFNFFKRHICDANKEGMFLFRAAR KLRQFLKMNSTGDFDLHLLKVSEGTILLNCTGQVKGRKPAALGEAQPTKSLEENKSLKEQK KLNDLCFLKRLQLQEIKTCWNKILMGTKEH
Biologically Active?	Yes
Biological Activity	The ED50 as determined in a cell proliferation assay using PHA-activated human peripheral blood mononuclear cell (PBMC) is 50-300 pg/ml.
Purity	Greater than 95% as determined by SDS-PAGE.
Source	Mammalian cell
MW	18.4 kDa
Uniprot ID	P13232
Expiration Date	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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