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# **Product Datasheet**

## Human IL11 protein (Active) (orb358976)

Description	Recombinant human IL11 active protein	kDa M
Endotoxins	Less than 1.0 EU/µg as determined by LAL method.	116.0 66.2 45.0 35.0
Preservatives	Lyophilized from a 0.2 $\mu m$ filtered PBS, pH 7.4	25.0
Form/Appearance	Lyophilized powder	14.4
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.	SDS-P analys Humar prote
Тад	Tag-Free	
Note	For research use only	kDa M 116.0 66.2
Application notes	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.	45.0 35.0 25.0 18.4 14.4
Protein Sequence	M+PGPPPGPPRVSPDPRAELDSTVLLTRSLLADTRQLAAQLRDKFPADGDHNLD SLPTLAMSAGALGALQLPGVLTRLRADLLSYLRHVQWLRRAGGSSLKTLEPELGT LQARLDRLLRRLQLLMSRLALPQPPPDPPAPPLAPPSSAWGGIRAAHAILGGLHL TLDWAVRGLLLLKTRL	
Purity	> 95% as determined by SDS-PAGE and HPLC.	
Source	E.Coli	
MW	19.1 kDa	
Uniprot ID	P20809	
Expiration Date	6 months from date of receipt.	

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