

Product Datasheet

Human IL31 protein (Active) (orb358986)

Catalog Number	orb358986
Category	Proteins
Description	This Human IL31 protein (Active) spans the amino acid sequence from region 24-164aa. Purity: > 97% as determined by SDS-PAGE and HPLC.
Tag	Tag-Free
Form/Appearance	Lyophilized powder
Buffer/Preservatives	Lyophilized from a 0.2 µm filtered PBS, pH 7.4
Purity	> 97% as determined by SDS-PAGE and HPLC.
Protein Sequence	SHTLPVRLLRPSDDVQKIVEELQSLSKMLLKDVVEEEKGVLVVSQNYTLPCLSPDAQPPNNIHS PAIRAYLKTIRQLDNKSVIDEIIEHLDKLIFQDAPETNISVPTDTHECKRFILTISQQFSECMDLA LKSLTSGAQQATT
Protein Length	Full Length of Mature Protein
UniProt ID	Q6EBC2
MW	15.8 kDa
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.
Endotoxins	Less than 1.0 EU/µg as determined by LAL method.
Source	E.Coli

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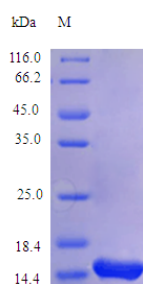
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Biological Origin	Homo sapiens (Human)
Biological Activity	Fully biologically active when compared to standard. The specific activity is determined by inducing STAT3 activation using human U-87 MG cells. 5 ng/mL of rHUL-31 can effectively induce STAT3 activation.
Expression Region	24-164aa
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.



SDS-PAGE gel analysis of orb358986.

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