



Product Datasheet

Human Midkine protein (Active) (orb359282)

Description	Recombinant human Midkine 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 μm 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-I analy Hun Midl
Тад	Tag-Free	prot
Note	For research use only	
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.	
Protein Sequence	VAKKKDKVKKGGPGSECAEWAWGPCTPSSKDCGVGFREGTCGAQTQRIRCRV PCNWKKEFGADCKYKFENWGACDGGTGTKVRQGTLKKARYNAQCQETIRVTK PCTPKTKAKAKAKKGKGKD	
Purity	> 97% as determined by SDS-PAGE and HPLC.	
Source	E.Coli	
MW	13.4 kDa	
Uniprot ID	P21741	
Expiration Date	6 months from date of receipt.	

45.0 35.0 25.0 18.4 14.4

SDS-PAGE analysis of Human Midkine prote...

Biorbyt Ltd.

7 Signet Court, Swann's Road, Cambridge, CB5 8LA, United Kingdom Email: info@biorbyt.com | Phone: +44 (0) 1223 859-353 | Fax: +44 (0)1223 280 240

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham, North Carolina
27709. United States Email: **info@biorbyt.com** | Phone: **+1 (415) 906-5211** | Fax: +1 (415) 651-8558