

Product Datasheet

Human HGF Protein, His Tag (orb700640)

Catalog Number	orb700640
Description	Human HGF, His Tag, premium grade is expressed from human 293 cells (HEK293). It contains AA Gln 32 - Ser 728 (Accession # P14210-1).
Reactivity	Human
Endotoxins	0.1 EU per µg
Conjugation	Unconjugated
Target	HGF
Preservatives	PBS, pH 7.4
Form/Appearance	Powder
Storage	-20°C to -70°C for 12 months in lyophilized state;. -70°C for 3 months under sterile conditions after reconstitution. For long term storage, the product should be stored at lyophilized state at -20°C or lower
Tag	C-10×His
Note	For research use only
Application notes	This protein carries a polyhistidine tag at the C-terminus. The mature form of HGF is a disulfide-linked heterodimer composed of proteolytically cleaved α and β chain. The protein has a calculated MW of 81.6 kDa (α chain 53.7 kDa and β chain 27.9 kDa). The protein migrates as 80-90 kDa (alpha & Beta chain), 58-63 kDa (alpha chain), 33 kDa (Beta chain) when calibrated against Star Ribbon Pre-stained Protein Marker under reducing (R) condition (SDS-PAGE) due to glycosylation.
Protein Sequence	Gln 32 - Ser 728
Biologically Active?	Yes

Biorbyt Ltd.

7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC.

68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biological Activity

Human HGF R, Fc Tag (Cat. No. MET-H5256) captured on CM5 chip via Anti-human IgG Fc antibodies surface can bind Human HGF, His Tag, premium grade (Cat. No.) with an affinity constant of 0.486 nM as determined in a SPR assay (Biacore 8K) (Routinely tested).

Purity

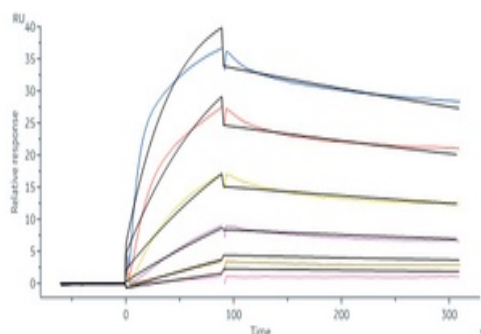
90%

MW

81.6 kDa (53.7 kDa|27.9 kDa)

Uniprot ID**P14210****Expiration Date**

6 months from date of receipt.



Human HGF R, Fc Tag captured on CM5 chip via Anti-human IgG Fc antibodies surface can bind Human HGF, His Tag, premium grade (Cat. No. orb700640) with an affinity constant of 0.486 nM as determined in a SPR assay (Biacore 8K) (Routinely tested).

Biorbyt Ltd.

7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC.

68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)