

Product Datasheet

Human IL-13 Protein, His Tag (orb612135)

Description	Human IL-13 Protein, His Tag, premium grade is expressed from human 293 cells (HEK293). It contains AA Gly 21 - Asn 132 (Accession # AAK53823.1).
Reactivity	Human
Endotoxins	0.1 EU per µg
Conjugation	Unconjugated
Target	IL-13
Preservatives	PBS, pH7.4
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 protein has a calculated MW of 14.2 kDa. The protein migrates as 15 kDa and 25-35 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Biologically Active?	Yes
Biological Activity	Biotinylated Human IL-13 R alpha 1 Protein, His, captured on Biotin CAP-Series S Sensor Chip can bind Human IL-13 Protein, His Tag, premium grade with an affinity constant of 34.4 nM as determined in a SPR assay (Biacore 8K) (Routinely tested).
Purity	90%

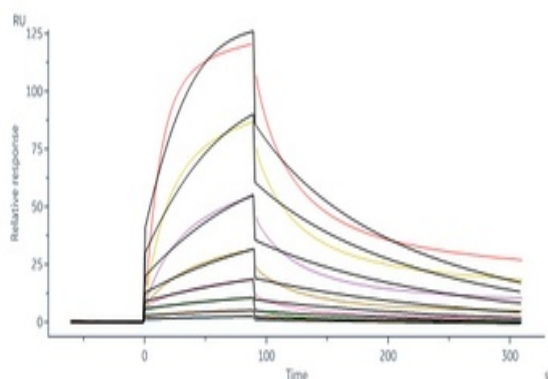
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Source	Human IL-13, His Tag (orb612135) is expressed from human 293 cells (HEK293). It contains AA Gly 21 - Asn 132 (Accession # AAK53823.1).
MW	14.2 kDa
NCBI	AAK53823.1
Expiration Date	6 months from date of receipt.



Biotinylated Human IL-13 R alpha 1 Protein, His, Avitag captured on Biotin CAP-Series S Sensor Chip can bind Human IL-13 Protein, His Tag, premium grade (Cat. No. orb612135) with an affinity constant of 34.4 nM as determined in a SPR assay (Biacore 8K) (Routinely tested).

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