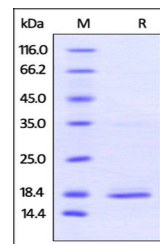


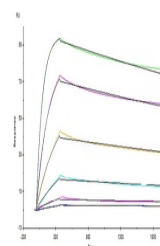
Product Datasheet

Human TNF-alpha Protein (orb383503)

Description	Tumor necrosis factor alpha (TNF α) is a cytokine produced primarily by monocytes and macrophages. I...
Reactivity	Human
Endotoxins	1.0 EU per μ g
Conjugation	Unconjugated
Target	TNF-alpha
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-6 \times 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 18.3 kDa. The protein migrates as 17-19 kDa under reducing (R) condition (SDS-PAGE).
Purity	95%
Source	Human TNF-alpha, His Tag (active trimer) (MALS verified) (orb383503) is expressed from human 293 cells (HEK293). It contains AA Val 77 - Leu 233 (Accession # NP_000585.2).
MW	18.3 kDa
NCBI	NP_000585.2
Expiration Date	6 months from date of receipt.



SDS-PAGE analysis of Human TNF-alpha pro...



Humira (Adalimumab) captured on CM5 chip...