

## Product Datasheet

### Recombinant TNF- $\alpha$ , Rat (orb1494606)

<b>Description</b>	Tumor Necrosis Factor-Alpha (TNF-Alpha) also known as Cachectin and TNFSF1A, plays a major role in g...
<b>Endotoxins</b>	< 0.2 EU/ $\mu$ g, determined by LAL method.
<b>Preservatives</b>	Lyophilized after extensive dialysis against PBS.
<b>Form/Appearance</b>	Sterile Filtered White lyophilized (freeze-dried) powder.
<b>Storage</b>	Lyophilized recombinant rat Tumor Necrosis Factor-Alpha (rrTNF-Alpha) remains stable up to 6 months at -80°C from date of receipt. Upon reconstitution, rrTNF-Alpha should be stable up to 2 weeks at 4°C or up to 3 months at -20°C.
<b>Note</b>	For research use only
<b>Application notes</b>	Reconstituted in ddH <sub>2</sub> O at 100 $\mu$ g/ml.
<b>Protein Sequence</b>	MLRSSS QNSSDKPVAH VVANHQAEEQ LEWLSQRANA LLANGMDLKD NQLVVPADGL YLIYSQVLFK GQGCPDYVLL THTVSRFAIS YQEKVSLLSA IKSPCKDTP EGAELKPWYE PMYLGGVFQL EKGDLLSAEV NLPKYLDITE SGQVYFGVIA L
<b>Source</b>	P. pastoris
<b>MW</b>	17.4kDa, observed by reducing SDS-PAGE.
<b>Expiration Date</b>	6 months from date of receipt.