

TNFRSF8, 19-379aa, Human, His tag, E.coli

Cat.NO.: TP04257

3th Edition

Synonyms:Tumor necrosis factor receptor superfamily member 8, CD30, D1S166E, KI-1

Description:TNFRSF8 is a member of the TNF-receptor superfamily. This receptor is expressed by activated, but not by resting, T and B cells. TRAF2 and TRAF5 can interact with this receptor, and mediate the signal transduction that leadsto the activation of NF-kappaB. It is a positive regulator of apoptosis, and also has been shown to limit the proliferative potential of autoreactive CD8 effector T cells and protect the body against autoimmunity. Recombinant human TNFRSF8 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

Molecular Weight:40.8 kDa (384aa) confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSPQDRPFEDTCHGNPSHYDKAVRRCCYRCPMGLFPTQQCPQRPTDCRK
QCEPDYYLDEADRCTACVTCSRDDLVEKTPCAWNSSRVCECRPGMFCSTSAVNSCARCFHVSVCAPGMIVKFPG
TAQKNTVCEPASPGVSPACASPENCKEPSSGTIPQAKPTPVSPATSSASTMPVRRGGTRLAQEAASKLTRAPDPS
SVGRPSSDPGLSPTQPCPEGSGDCRKQCEPDYYLDEAGRCTACVSCSRDDLVEKTPCAWNSSRTCECRPGMICA
TSATNSCARCVYPICAAETVTKPQDMAEKDTTFFEAPPLGTQPDCNPTPENGEAPASTSPTQSLLVDSQASKTLPI
TSAPVALSSTGK

Purity:> 95% by HPLC

Concentration:1mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.