

**TNFRSF14, 39-202aa, Human, His tag, E.coli**

**Cat.NO.: TP04248**

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3th Edition

**Synonyms:**Tumor necrosis factor receptor superfamily member 14, ATAR, CD270, HVEA, HVEM, LIGHTR, TR2

**Description:**TNFRSF14, as known as herpesvirus entry mediator (HVEM), is a member of the TNF-receptor superfamily. This receptor was identified as a cellular mediator of herpes simplex virus (HSV) entry. Binding of HSV viral envelope glycoprotein D (gD) to this receptor protein has been shown to be part of the viral entry mechanism. The cytoplasmic region of this receptor was found to bind to several TRAF family members, which may mediate the signal transduction pathways that activate the immune response. Recombinant human TNFRSF14 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

**Form:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 0.1M NaCl

**Molecular Weight:**19.7 kDa(187aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSLPCKEDEYPVGSECCPKCSPGYRVKEACGELTGTVCEPCPPGTIYIAHLNG  
LSKCLQCQMCDPAMGLRASRNCSTRTEAVCGCSPGHFCIVQGDHCAACRAYATSSPGQRVQKGGTESQDTLC  
QNCPPGTFSPNGTLEECQHQTKCSWLVTKAGAGTSSSHWV

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/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.