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**TNFRSF14, 39-202aa, Human, hlgG His tag, Baculovirus**

**Cat.NO.: TP04247**

3th Edition

**Synonyms:**Tumor necrosis factor receptor superfamily member 14 isoform 1, TNFRSF14, ATAR, CD270, HVEA, HVEM, LIGHTR, TR2, HVEML, CD40 like protein precursor.

**Description:**TNFRSF14, as known as tumor necrosis factor receptor superfamily member 14 isoform 1, is a type 1 membrane protein belonging to the TNF/NGF receptor superfamily. Expression of this protein has been detected in peripheral blood T cells, B cells, monocytes and in various tissue enriched in lymphoid cells. Binding of herpes simplex virus (HSV) viral envelope glycoprotein D to this receptor protein has been shown to be part of HSV entry mechanism, and from which its name derived. Recombinant human TNFRSF14, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques

**Form:**Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

**Molecular Weight:**44.6kDa (406aa), 40-57kDa (SDS-PAGE under reducing conditions.)

**Sequences:**

ADPLPSCKEDEYPVGSECCPKCSPGYRVKEACGELTGTVCEPCPPGTYIAHLNGLSKCLQCQMCDPAMGLRASR  
NCSRTENAVCGCSPGHFCIVQDGDHCAACRAYATSSPGQRVQKGGTESQDTLCQNCPPGTFSPNGTLEECQHQ  
TKCSWLVTKAGAGTSSSHWVLEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHED  
PEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPRE  
PQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQG  
NVFSCSV MHEALHNHYTQKSLSLSPGKHHHHHHH

**Purity:**> 95% by HPLC

**Concentration:**0.25mg/ml (determined by Absorbance at 280nm)

**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.