

Recombinant Mouse tumor necrosis factor receptor superfamily member 14 protein, His&Fc tagged

Cat. No. Tnfrsf14-01M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse HVEM/TNFRSF14 (39-206 aa), fused to hIgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Mouse
Source	Baculovirus
ProteinLength	39-206 aa
Description	Predicted to enable cytokine binding activity and ubiquitin protein ligase binding activity. Acts upstream of or within several processes, including defense response to bacterium; negative regulation of alpha-beta T cell proliferation; and positive regulation of macromolecule metabolic process. Located in external side of plasma membrane. Is expressed in liver lobe. Orthologous to human TNFRSF14 (TNF receptor superfamily member 14).
Tag	C-hIgG-His
Form	Liquid
Molecular Mass	45.3 kDa (407aa)
AA Sequence	QPSCRQEEFLVGDECCPMCNPGYHVKQVCSEHTGTVCAPCPPQTYTAHANGLSK

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CLPCGVCDPDMGLLTWQECSSWKDTVCRICIPGYFCENQDGSHCSTCLQHTTCPP
GQRVEKRGTHDQDTVACDCLTGTFSLGGTQEECLPWTNCSAFQQEVRRGTNSTD
TTCSSQ<LEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVV
DVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEY
KCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDI
AVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEAL
HNHYTQKSLSLSPGKHHHHHH>

Endotoxin	< 1.0 EU/μg of the protein by the LAL method.
Purity	> 90% by SDS-PAGE
Applications	SDS-PAGE
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/mL (determined by absorbance at 280nm)
Storage Buffer	Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol
References	1. Choi EK., et al. (2013) J Endocrinol. 220:25-33. 2. Kotsiou E., et al. (2018) Blood. 128:72-81.

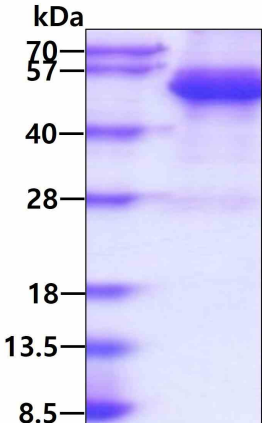
GENE INFORMATION

Gene Name	Tnfrsf14 tumor necrosis factor receptor superfamily, member 14 (herpesvirus entry mediator) [Mus musculus (house mouse)]
Official Symbol	Tnfrsf14

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Synonyms	Tnfrsf14; tumor necrosis factor receptor superfamily, member 14 (herpesvirus entry mediator); TR2; Atar; HveA; Hvem; Tnfrsf14; tumor necrosis factor receptor superfamily member 14; herpes virus entry mediator A; herpesvirus entry mediator A; tumor necrosis factor receptor-like 2
Gene ID	230979
mRNA Refseq	NM_178931
Protein Refseq	NP_849262
UniProt ID	Q80WM9
SDS-PAGE	 3 µg by SDS-PAGE under reducing condition and visualized by coomassie blue stain.