

TNFRSF25, 25-199aa, Human, hlgG His tag, Baculovirus

Cat.NO.: TP04254

3th Edition

Synonyms: Tumor necrosis factor receptor superfamily member 25, TNFRSF25, APO-3, DDR3, DR3, LARD, TNFRSF12, TR3, TRAMP, WSL-1, WSL-LRApo 3, Apo-3, Apo3.

Description: TNFRSF25, also known as Tumor necrosis factor receptor superfamily member 25, is a member of the TNF receptor superfamily that binds to the TNF-like protein TL1A. TNFRSF25 signals are required to exert T helper cell 2 effector function in Th2-polarized CD4 cells and co-stimulate interleukin-13 production by glycosphingolipid-activated NKT cells. Its axis is a novel immune pathway that participates in the pathogenesis of a variety of autoimmune rheumatic diseases. These molecules may be promising therapeutic targets for inflammatory arthritis. Recombinant human TNFRSF25, 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: 46.1kDa (417aa), 40-57kDa (SDS-PAGE under reducing conditions.)

Sequences:

ADPQGGTRSPRCDCAGDFHKKIGLFCCRGCPAGHYLKAPCTEPCGNSTCLVCPQDTFLAWENHHNSECARCQAC
DEQASQVALENC SAVADTRCGCKPGWFVECQVSQCVSSSPFYCQPCLDCGALHRHTRLLCSRRDTCGTCLPGF
YEHGDGCVSPTSTLGSCPERCAAVCGWRQLEPKSCDKTHTCPPCPAPPELLGGPSVFLFPPKPKDTLMISRTPEV
TCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEK
TISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLT
VDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGKHHHHHHH

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.