

## 32-8546: Recombinant Human Death Receptor 3/DR3/TNFRSF25 (C-Fc)

**Gene :** TNFRSF25

**Gene ID :** 8718

**Uniprot ID :** Q93038

### Description

Source: Human Cells.

MW :46.3kD.

Recombinant Human Death Receptor 3 is produced by our Mammalian expression system and the target gene encoding Gln25-Phe201 is expressed with a Fc tag at the C-terminus. Tumor necrosis factor receptor superfamily member 25 (TNFRSF25) contains 1 death domain and 4 TNFR-Cys repeats. TNFRSF25 is a cell surface receptor of the tumor necrosis factor receptor superfamily which mediates apoptotic signalling and differentiation, activated by a monogamous ligand, known as TL1A (TNFSF15), which is rapidly upregulated in antigen presenting cells and some endothelial cells following Toll-Like Receptor or Fc receptor activation. This receptor has been shown to signal both through the TRADD adaptor molecule to stimulate NF-kappa B activity or through the FADD adaptor molecule to stimulate caspase activation and regulate cell apoptosis. It may play a role in regulating lymphocyte homeostasis.

### Product Info

**Amount :** 10 µg / 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of PBS,pH7.4.

**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

**Amino Acid :** QGGTRSPRCDCAGDFHKKIGLFCCRGCPAGHYLKAPCTEPCGNSTCLVCPQDTFLAWENHHNSECARCQAC  
DEQASQVALENC SAVADTRCGCKPGWFVECQVSQCVSSSPFYCQPCLDCGALHRHTRLLCSRRDTCGTCLP  
GFYEHGDGCVSPTSTL GSCPERCAA VCGWRQMFVDDIEGRMDEPKSCDKTHTCPPCPAPPELLGGPSVFLFPP  
KPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGK  
EYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYK  
TTPPVLDSDGSFFLYSKLTVDKSRWQQGNV FSCSVMHEALHNHYTQKLSLSLSPGK

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.