

32-18372: Human DR6 Protein, His Tag

Uniprot ID : O75509
Alternative Name : TNFRSF21; CD358; BM-018

Description

Description : Recombinant human DR6 Protein with C-terminal 6 Å —His tag

Background : This gene encodes a member of the tumor necrosis factor receptor superfamily. The encoded protein activates nuclear factor kappa-B and mitogen-activated protein kinase 8 (also called c-Jun N-terminal kinase 1), and induces cell apoptosis. Through its death domain, the encoded receptor interacts with tumor necrosis factor receptor type 1-associated death domain (TRADD) protein, which is known to mediate signal transduction of tumor necrosis factor receptors. Knockout studies in mice suggest that this gene plays a role in T-helper cell activation, and may be involved in inflammation and immune regulation.

Molecular Characterization: mass of 34.3 kDa after removal of the signal peptide. The apparent molecular mass of DR6-His is approximately 35-70 kDa due to glycosylation.

Tag : C-6 Å —His tag

Product Info

Amount : 50 μg / 100 μg
Purification : The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Content : Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition : Store at -20 $^{\circ}\text{C}$ to -80 $^{\circ}\text{C}$ for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 $^{\circ}\text{C}$ (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

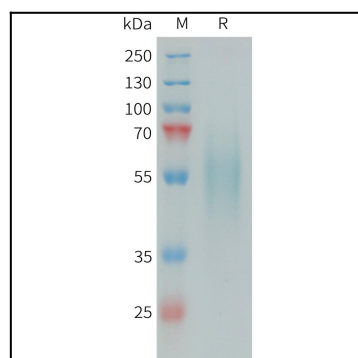


Figure 1. Human DR6 Protein, His Tag on SDS-PAGE under reducing condition.