

## 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 $\text{Å}$ —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 $\text{Å}$ —His tag

### Product Info

**Amount :** 50  $\mu\text{g}$  / 100  $\mu\text{g}$   
**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.

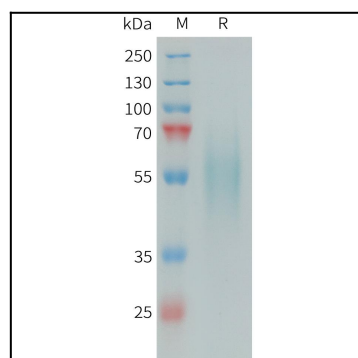


Figure 1. Human DR6 Protein, His Tag on SDS-PAGE under reducing condition.