PRODUCT INFORMATION

Target	DR6
Synonyms	TNFRSF21; CD358; BM-018
Description	Recombinant human DR6 Protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	O75509
Expression Host	HEK293
Tag	C-6×His tag
Molecular Characterization	DR6(Gln42-His349) 6×His tag
Molecular Weight	The protein has a predicted molecular 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.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).Lyophilized proteins are shipped at ambient temperature.
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. [provided by RefSeq, Jul 2013]
Usage	Research use only
Conjugate	Unconjugated

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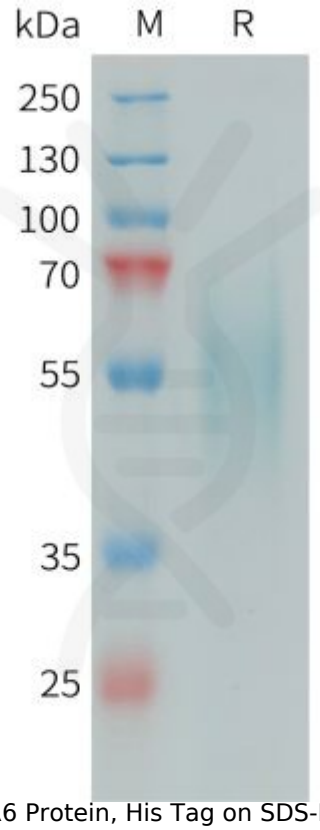


Figure 1. Human DR6 Protein, His Tag on SDS-PAGE under reducing condition.

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