DR4 Recombinant Protein

PRODUCT OVERVIEW

Product Name	DR4, Recombinant Protein
Full Product Name	DR4 Recombinant Protein His Tag Lyophilized
Product Gene Name	DR4 recombinant protein
Product Synonym Gene Name	TNFRSF10A
Host	HEK293 cells
Form/Format	This is a Lyophilized protein buffered in PBS, pH7.4
Purity/Purification	>92% as determined by SDS-PAGE.
Preparation and Storage	Lyophilized Protein should be stored at -20 degree C or lower for long term storage. Upon reconstitution, working aliquots should be stored at -20 degree C or -70 degree C. Avoid repeated freeze-thaw cycles.
Species	Human
Tag	His
Related Product Information for DR4 recombinant protein	DR4 Recombinant Protein His Tag Lyophilized has been recombinantly produced in HEK293 cells. Tumor necrosis factor receptor superfamily member 10A (TNFRSF10A) is also known as TNF-related apoptosis-inducing ligand receptor 1 (TRAIL-R1), Death receptor 4 (DR4), CD261 and APO2, which belongs to TNF superfamily. TRAILR1/TNFRSF10A contains 1 death domain and 3 TNFR-Cys repeats. TNFRSF10A/DR4 is widely expressed and high levels are found in spleen, peripheral blood leukocytes, small intestine and thymus, but also in K-562 erythroleukemia cells, MCF-7 breast carcinoma cells and activated T-cells. APO2/TNFRSF10A is receptor for the cytotoxic ligand TNFSF10/TRAIL. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. TRAILR-1/DR4/CD261 promotes the activation of NF-kappa-B. This recombinant protein can be used for WB.
Other Notes	Small volumes of DR4 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for DR4 purchase	MBS8430959 is a recombinant protein targeting DR4. Also known as DR4 Recombinant Protein His Tag Lyophilized. Host: HEK293 cells.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DR4. It may not necessarily be applicable to this product.

Protein Family	Transposon Ty1-DR4 Gag polyprotein
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