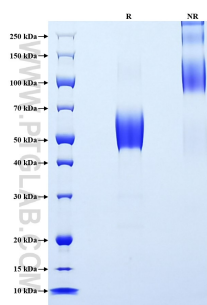


Recombinant Human DcR2 protein (rFc Tag)

Catalog Number: Eg3487

Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
Technical Specifications	<p>Purity: >90 %, SDS-PAGE</p> <p>Endotoxin Level: <0.1 EU/ µg protein, LAL method</p> <p>Source: HEK293-derived Human DcR2 protein Ala56-His211 (Accession# Q9UBN6) with a rabbit IgG Fc tag at the C-terminus.</p> <p>GenID: 8793</p> <p>Accession: Q9UBN6</p> <p>Predicted Molecular Mass: 43.1 kDa</p> <p>SDS-PAGE: 45-70 kDa, reducing (R) conditions</p> <p>Formulation: Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.</p>		
Biological Activity	Not tested		
Storage and Shipping	<p>Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none">• Until expiry date, -20°C to -80°C as lyophilized proteins.• 3 months, -20°C to -80°C under sterile conditions after reconstitution. <p>Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.</p>		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	<p>Decoy receptor 2 (DcR2) is one of the tumor necrosis factor-related apoptosis-inducing ligand (TRAIL) receptors and suppresses TRAIL-induced apoptosis. Its expression, like the other three TRAIL receptors (i.e., DR4, DR5, and DcR1), is regulated by p53. Previous studies found that DcR2 was highly expressed in senescent tumor cells and was associated with the degree of tumor differentiation. DcR2 is also expressed in activated senescent hepatic stellate cell, which protects senescent cell from cytotoxicity, eventually resulting in liver fibrosis.</p>		
References	<ol style="list-style-type: none">1.Chen, Jia et al. (2019) Biochemistry.44(5):1063-1074.2.Liu, Xiangguo et al. (2005) Biochemistry.65(20):9169-9175.3.Yao, Zhuotian et al. (2023) Biochemistry.113(1):e22004.		
Synonyms	DCR2, CD264, Decoy receptor 2, TNF-related apoptosis-inducing ligand receptor 4, TNFRSF10D		

Selected Validation Data



Purity of Recombinant Human DcR2 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

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