For Research Use Only For Research Use Only Recombinant Human ULBP2 protein (His proteintech Tag)

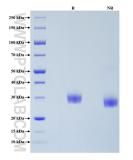


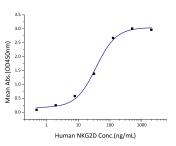
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Catalog Number: Eg0858

Basic Information	Species: Human	Purity: >95 %, SDS-PAGE	Tag: His Tag
	EC50: 18-72 ng/mL		
Technical Specifications	Purity: >95 %, SDS-PAGE		
	Endotoxin Level: <0.1 EU/ µg protein, LAL method		
	Source: HEK293-derived Human ULBP2 protein Gly26-Ser217 (Accession# Q9BZM5) with a His tag at the C-terminus.		
	GenelD: 80328		
	Accession: Q9BZM5		
	Predicted Molecular Mass: 22.5 kDa		
	SDS-PAGE: 26-32 kDa, reducing (R) conditions		
	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.		
Biological Activity	Immobilized Human ULBP2(His tag) at 2 µg/mL (100 µL/well) can bind Human NKG2D (hFc tag) with a linear range of 18-72 ng/mL.		
Storage and Shipping	Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
	 Until expiry date, -20°C to -80°C as lyophilized proteins. 3 months, -20°C to -80°C under sterile conditions after reconstitution. 		
	Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.		
Reconstitution	Briefly centrifuge the tube befor	e opening. Reconstitute at 0.1-0.	5 mg/mL in sterile water.
Background	domain. It can be expressed as ei	ther a transmembrane or GPI-link	expressed on cytotoxic immune cells. ligand (NKG2DL) includes MICA, MICB, and elated molecules. ULBP2 contains two Ig- MHC class I family, but lacks the alpha-3 ed protein, or released from the cell uitment and activation of NK cells.
References	1.D Cosman, et al. (2001) Immuni 2.Lola Fernández-Messina, et al. (3.Ruipeng Wang, et al. (2014). PLo 4.Felix M Wensveen, et al. (20118 5.Shixin Duan, et al. (2019) Mol Ca) Front Immunol. 8:9:441.	
Synonyms	ULBP2, ALCAN alpha, ALCAN-alpha	a, N2DL2, N2DL-2	

Selected Validation Data





Purity of Recombinant Human ULBP2 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.

Immobilized Human ULBP2(His tag) at 2 $\,\mu$ g/mL (100 $\,\mu$ L/well) can bind Human NKG2D (hFc tag) with a linear range of 18-72 ng/mL

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.