Human LGALS3BP Protein, hFc Tag

Cat. No. PME100847

PRODUCT INFORMATION

Target	LGALS3BP
Synonyms	90K;BTBD17B;CyCAP;gp90;M2BP;MAC-2-BP;TANGO10B
Description	Recombinant human LGALS3BP protein with C-terminal human Fc tag
Delivery	Under development
Uniprot ID	Q08380
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	LGALS3BP(Val19-Asp585) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 87.89 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 95% 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 of reconstitution.
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	The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. LGALS3BP has been found elevated in the serum of patients with cancer and in those infected by the human immunodeficiency virus (HIV). It appears to be implicated in immune response associated with natural killer (NK) and lymphokine-activated killer (LAK) cell cytotoxicity. Using fluorescence in situ hybridization the full length 90K cDNA has been localized to chromosome 17q25. The native protein binds specifically to a human macrophage-associated lectin known as Mac-2 and also binds galectin 1.
Usage	Research use only
Conjugate	Unconjugated

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