

Product datasheet for **TP724306**

Human ITGAX & ITGB2 Heterodimer Protein, His Tag & hFc Tag

Product data:

Product Type:	Recombinant Proteins
Description:	Human ITGAX & ITGB2 Heterodimer Protein, His Tag & hFc Tag
Expression Host:	HEK293
Tag:	C-6×His tag and C-Human Fc
Predicted MW:	The protein has a predicted molecular mass of 120.6 & 101.0 kDa after removal of the signal peptide. The apparent molecular mass of ITGAX-His & ITGB2-hFc is approximately 130-180 kDa due to glycosylation.
Purity:	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Reconstitution Method:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage:	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.
Stability:	12 months from date of despatch
Summary:	This gene encodes the integrin alpha X chain protein. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This protein combines with the beta 2 chain (ITGB2) to form a leukocyte-specific integrin referred to as inactivated-C3b (iC3b) receptor 4 (CR4). The alpha X beta 2 complex seems to overlap the properties of the alpha M beta 2 integrin in the adherence of neutrophils and monocytes to stimulated endothelium cells, and in the phagocytosis of complement coated particles. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2013]



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