

Product datasheet for **TP724115**

Human B7-1 Protein, mFc-His Tag

Product data:

Product Type:	Recombinant Proteins
Description:	Human B7-1 Protein, mFc-His Tag
Expression Host:	HEK293
Tag:	C-Mouse Fc and 6×His
Predicted MW:	The protein has a predicted molecular mass of 50.9 kDa after removal of the signal peptide. The apparent molecular mass of B7-1-mFc-His is approximately 70-130 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:	The protein encoded by this gene is a membrane receptor that is activated by the binding of CD28 or CTLA-4. The activated protein induces T-cell proliferation and cytokine production. This protein can act as a receptor for adenovirus subgroup B and may play a role in lupus neuropathy.



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