

Product datasheet for **TP724824**

Cynomolgus Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Cynomolgus B7-2/CD86 (C-His)
Species:	Cynomolgus
Expression cDNA Clone or AA Sequence:	Tyr25-His239
Tag:	C-6His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS,5% Trehalose, pH7.4.
Note:	Recombinant Cynomolgus CD86 is produced by our Mammalian expression system and the target gene encoding Tyr25-His239 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Summary:	T-lymphocyte activation antigen CD86 (B7-2) is a type I membrane protein that belongs to the B7 family. CD86 is highly expressed on activated antigen presenting cells. CD86 plays an essential role for T-lymphocyte proliferation and interleukin-2 production through binding CD28 or CTLA-4. It is also involved in the early events of T-cell activation and costimulation of naive T-cells, such as deciding between immunity and anergy that is made by T-cells within 24 hours after activation. Additionally, the CD86 participates innate immune responses by activating NF- κ B-signaling pathway in macrophages. CD86 thus is predicted to be a promising candidate for immune therapy.



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