9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-8806: Recombinant Rat B7-2/CD86 (C-6His)

Gene : Cd86
Gene ID : 56822
Uniprot ID : O35531

Description

Source: Human cells.
MW :25.9kD.
Recombinant Rat T-lymphocyte Activation Antigen CD86 is produced by our Mammalian expression system and the target gene encoding Vla29-Lys247 is expressed with a 6His tag at the C-terminus. T-lymphocyte activation antigen CD86 (B7-2) is a glycosylated protein in the B7 family. B7 family members are transmembrane cell surface molecules that play important roles in immune activation and the maintenance of immune tolerance. It is highly expressed on activated antigen presenting cells. CD86 involved in the costimulatory signal essential for T-lymphocyte proliferation and interleukin-2 production, by binding CD28 or CTLA-4. It may play a critical role 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. It is expressed by activated B-lymphocytes and monocytes and promoted by MARCH8 and results in endocytosis and lysosomal degradation.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	VPVKRQAYFNSTAYLPCPFTKAQNISPSELVVFWQDRKKSVLYEHYLGAEKLDNVNAKYLGRTSFDRDNQALRL HNVQIKDTGLYDCFIQQKTPTGSIILQQWETELSVIANFSEPEIEEAQNETRNTGINLTCSSKQGYPKPTKMYFLIT NSTNEYGDNMQISQDNVTKLFSVSISLSLPFPDGVYNMTIVCILETESMNISSKPHNMVFSQPQFDRKHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/Ã□Âµg (1 IEU/Ã□Âµg) as determined by LAL test.