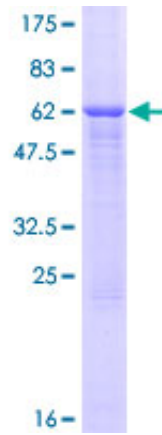


Recombinant Human CD86 Protein (1-329), N-GST-tagged

Product Information

Cat	IMP-9238
Official Symbol	CD86
Product Overview	Human CD86 full-length ORF (AAH40261.1, 1 a.a.-329 a.a.) recombinant protein with GST-tag at N-terminal was expressed in Wheat Germ (in vitro).
Description	<p>This gene encodes a type I membrane protein that is a member of the immunoglobulin superfamily. This protein is expressed by antigen-presenting cells, and it is the ligand for two proteins at the cell surface of T cells, CD28 antigen and cytotoxic T-lymphocyte-associated protein 4. Binding of this protein with CD28 antigen is a costimulatory signal for activation of the T-cell. Binding of this protein with cytotoxic T-lymphocyte-associated protein 4 negatively regulates T-cell activation and diminishes the immune response. Alternative splicing results in two transcript variants encoding different isoforms. Additional transcript variants have been described, but their full-length sequences have not been determined.</p>
Expression System	Wheat Germ (in vitro)
Species	Human
Tag	N-GST
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	64.1 kDa
Protein length	1-329
AA Sequence	MDPQCTMGLSNILFVMAFLLSGAAPLKIQA YFNETADLPCQFANSQNQSL SELVFWQDQENLVLNEVYLGKEKFDVHVKYMGRTSFDSQSWTLRLH NLQIKDKGLYQCIIHHKKPTGMIRIHQMNSELSVLNFSQPEIVPISNITENV YINLTCSSIHGYPEPKMSVLLRRTKNSTIEYDGIMQKSQDNVTELYDVSISL SVSFPDVTSNMTIFCILETDKTRLLSSPFSIELEDPPPPDHIPWITAVLPTV IICVMVFCLILWKWKKKRPRNSYKCGTNTMERESEQTKKREKIHIPERS DETQRVFKSSKTSSCDKSDTCF
Applications	ELISA; WB (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
SDS-PAGE	



12.5% SDS-PAGE Stained with Coomassie Blue.