

Recombinant Human CD80 Protein (Val35-Asn242), C-6×His-tagged, Alexa Fluor 488 Conjugated

Product Information

Cat	IMP-10113
Official Symbol	CD80
Product Overview	Alexa Fluor 488 conjugated recombinant human B7-1/CD80 protein (Val35-Asn242) with a C-terminal 6×His tag was expressed in human embryonic kidney cell. Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Description	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.
Expression System	HEK293
Species	Human
Tag	C-6×His
Predicted N Terminal	Val35
Form	Supplied as a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Conjugate	Alexa Fluor 488
Molecular Mass	Predicted Molecular Mass: 25 kDa SDS-PAGE: 45-58 kDa, under reducing conditions.
Protein length	Val35-Asn242
Bio-activity	Measured by flow cytometry for its ability to bind anti-human B7-1 Monoclonal Antibody conjugated beads. The concentration of Recombinant Human B7-1 His-tag Alexa Fluor 488 that produces 50% of the binding response is 0.150-50 µg/mL.
Endotoxin	
Purity	>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie Blue Staining.
Storage	Protect from light. Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 6 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after opening. 3 months, -20 to -70 centigrade under sterile conditions after opening.

SDS-PAGE

