

Active Recombinant Cynomolgus CTLA4 Protein, His-tagged, Alexa Fluor 555 conjugated

Cat. No. CTLA4-109CAF555 **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Alexa Fluor 555 conjugated recombinant Cynomolgus CTLA4(Met1-Asp161) fused with His tag at C-terminal was expressed in HEK293. |
| Species | Monkey |
| Source | HEK293 |
| ProteinLength | Met1-Asp161 136 |
| Description | CTLA4 played an important role in many functions. |
| Form | Lyophilized |
| Bio-activity | Immobilized Cynomolgus CTLA4-His at 10 µg/mL (100 µL/well) can bind Cynomolgus CD80-Fc, The EC50 of Cynomolgus CD80-Fc is 0.02-0.04 µg/mL. |
| Molecular Mass | The recombinant cynomolgus CTLA4 comprises 136 amino acids and has a calculated molecular mass of 14.9 kDa. The apparent molecular mass of it is approximately 24 and 21 kDa respectively in SDS-PAGE. |
| N-terminal Sequence Analysis | Ala 37 |
| Endotoxin | < 1.0 EU/ µg of the protein as determined by the LAL method. |

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| Purity | (73.4+23.7) % as determined by SDS-PAGE |
| Characteristic | <p>Disulfide-linked homodimer</p> <p>Labeled with Alexa Fluor 555 via amines</p> <p>With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.</p> |
| Stability | Samples are stable for up to 12 months from date of receipt at -70 centigrade. |
| Storage | Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| Storage Buffer | Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. |
| Shipping | <p>Shipped at ambient temperature.</p> <p>Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.</p> |
| Conjugation | Alexa Fluor 555 |

GENE INFORMATION

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|------------------------|--|
| Gene Name | CTLA4 cytotoxic T-lymphocyte associated protein 4 [<i>Macaca fascicularis</i>] |
| Official Symbol | CTLA4 |
| Synonyms | CTLA4; cytotoxic T-lymphocyte associated protein 4 |
| Gene ID | 102115124 |

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