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Produktinformation

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- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CTLA4 (Human) Recombinant Protein

Catalog Number: P10572

Regulation Status: For research use only (RUO)

Product Description: Human CTLA4 partial recombinant protein with His tag expressed in CHO cells.

Sequence:
MACLGFQRHKAQLNLATRTWPCTLLFFLLFIPVFCKAM
HVAQPAVVLASSRGIASFVCEYASPGKATEVRVTVLR
QADSQVTEVCAATYMMGNELTFLDDSICTGTSSGNQV
NLTIQGLRAMDTGLYICKVELMYPPPYYLGIGNGTQIYV
IDPEPCPDSDF

Host: Mammals

Theoretical MW (kDa): 14.46

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Lyophilized

Preparation Method: Mammalian cell (CHO) expression system

Purification: Ni-NTA chromatography

Purity: > 95% by SDS-PAGE

Endotoxin Level: < 0.1 EU/ ug of protein by the LAL method.

Recommend Usage: SDS-PAGE
The optimal working dilution should be determined by the end user.

Storage Buffer: Lyophilized from filtered PBS, pH 7.4.

Storage Instruction: Store at -20°C for 12 months in lyophilized state.
After reconstitution with deionized water, store at -20 or -80°C for 1 month.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1493

Gene Symbol: CTLA4

Gene Alias: CD152, CELIAC3, CTLA-4, GSE, IDDM12

Gene Summary: This gene is a member of the immunoglobulin superfamily and encodes a protein which transmits an inhibitory signal to T cells. The protein contains a V domain, a transmembrane domain, and a cytoplasmic tail. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. The membrane-bound isoform functions as a homodimer interconnected by a disulfide bond, while the soluble isoform functions as a monomer. Mutations in this gene have been associated with insulin-dependent diabetes mellitus, Graves disease, Hashimoto thyroiditis, celiac disease, systemic lupus erythematosus, thyroid-associated orbitopathy, and other autoimmune diseases. [provided by RefSeq]