



BOSTON
CELLRON

Product Manual

CTLA-4 (recombinant human protein)

Catalog #	Quantity	Price
P1014	5/25/1000 µg	\$50/130/2500

Alternative name	CD152, IDDM12, CELIAC3, GSE, CTLA4
Description	<p>CTLA-4 (CD152) is a protein receptor, constitutively expressed on regulatory-T-cells. CTLA-4 plays key roles in down regulation of immune responds, and functions as an immune checkpoint. The expression of CTLA-4 is upregulated in conventional T-cells when they are activated. CTLA-4 binds with CD80 or CD86 on the presenting-antigen cells to switch “off” the immune responds.</p> <p>CTLA-4 (36-161aa) is expressed in E.coli, fused with an N-terminal His tag, and purified by proprietary chromatographic techniques.</p>
Uniprot number	P16410
Expressed in	E.coli
Sequence	<u>MGSSHHHHHH SSGLVPRGSH MGSKAMHVAQ PAVVLASSRG IASFVCEYAS PGKATEVRVT VLRQADSQVT EVCAATYMMG NELTFLDDSI CTGTSSGNQV NLTIQGLRAM DTGLYICKVE LMYPPPYLG IGNGTQIYVI DPEPCPDS.</u>
Molecular Weight	15.9 kDa
Storage	Store at -20°C
Appearance	Sterile filtered colorless solution
Formulation	1mg/ml protein in the solution containing 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.
Purity	≥90%, determined by SDS-PAGE
Note	<p>For laboratory research only. Not for clinical applications.</p> <p>For technical questions, please email us at support@cellron.com.</p> <p>For bulk order, please contact sales@cellron.com.</p>

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