

B-Lymphocyte Activation Antigen B7-1 (LAB7-1) Active Protein | LAB7-1 active protein

Active B-Lymphocyte Activation Antigen B7-1 (LAB7-1)

CATALOG # AAA153084	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
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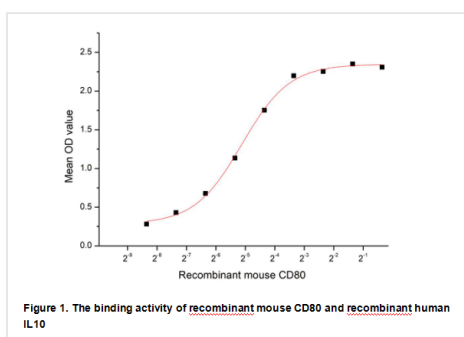
PRODUCT SYNONYMS

B-Lymphocyte Activation Antigen B7-1 (LAB7-1); Active B-Lymphocyte Activation Antigen B7-1 (LAB7-1); B-Lymphocyte Activation Antigen B7-1; LAB7-1 active protein (prokaryotic); Mouse; CD80; CD28LG; CD28LG1; BB1; B7-1 Antigen; T-lymphocyte activation antigen CD80; CTLA-4 counter-receptor B7.1; LAB7-1 active protein

PRODUCT SPECIFICATIONS

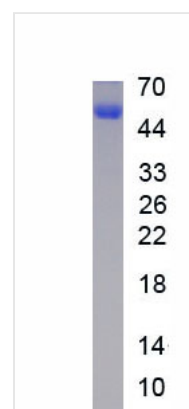
Host	E coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Asp39~Asn246
Applicable Applications for LAB7-1 active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Mouse
Tag	N-terminal His and GST
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	6.3
Research Area	CD & Adhesion molecule
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



Bioactivity

B-Lymphocyte Activation Antigen B7-1 (CD80) 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



SDS-PAGE

Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for LAB7-1 active protein	Active proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	112983684
NCBI GeneID	12519
NCBI Accession #	NP_033985.3
NCBI GenBank Nucleotide #	NM_009855.2
UniProt Accession #	Q00609; Q61332
Molecular Weight	24,051 Da
NCBI Official Full Name	T-lymphocyte activation antigen CD80
NCBI Official Synonym Full Names	CD80 antigen
NCBI Official Symbol	Cd80
NCBI Official Synonym Symbols	B71; Ly53; TSA1; Cd28l; Ly-53; MIC17
NCBI Protein Information	T-lymphocyte activation antigen CD80
UniProt Protein Name	T-lymphocyte activation antigen CD80
UniProt Gene Name	Cd80
UniProt Synonym Gene Names	B7; B7

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/b-lymphocyte-activation-antigen-b7-1-lab7-1/153084>