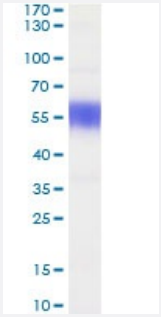
Bioactive HuPro®

BTLA (Human) Recombinant Protein

Catalog # P6789 Size 100 ug

Applications



BTLA (Human) Recombinant Protein (Cat # P6789) was determined by SDS-PAGE with Coomassie Blue, showing a band at 50-60kDa.

Result of activity analysis

Result of activity analysis

Specification

Product Description	Human BTLA (NP_001078826.1, 31 a.a. - 134 a.a.) partial recombinant protein with Fc, 6x His tag at C-terminal expressed in HEK293 cells.
Host	Human
Form	Lyophilized
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Ni-sepharose purification
Purity	> 90% by SDS-PAGE
Endotoxin Level	< 0.1 EU/ug of the protein by LAL method.

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Activity	Measured by the binding ability in a functional ELISA. Immobilized BTLA (Human) Recombinant Protein (Cat # P6789) at 3 ug/mL (100 uL/well) can bind Biotinylated Recombinant human HVEM with a linear range of 18-72 ng/mL.
Quality Control Testing	SDS-PAGE Stained with Coomassie Blue BTLA (Human) Recombinant Protein (Cat # P6789) was determined by SDS-PAGE with Coomassie Blue, showing a band at 50-60kDa.
Recommend Usage	SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS, pH 7.4.
Storage Instruction	Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution to a concentration of 0.1-0.5 mg/mL in sterile distilled water, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis

Applications

- SDS-PAGE

Gene Info — BTLA

Entrez GeneID	151888
Protein Accession#	NP_001078826.1
Gene Name	BTLA
Gene Alias	BTLA1, CD272, FLJ16065, MGC129743
Gene Description	B and T lymphocyte associated
Omim ID	607925
Gene Ontology	Hyperlink
Gene Summary	BTLA expression is induced during activation of T cells, and BTLA remains expressed on Th1 cells but not Th2 cells. Like PD1 (MIM 600244) and CTLA4 (MIM 123890), BTLA interacts with a B7 homolog, B7H4.[supplied by OMIM
Other Designations	B and T lymphocyte attenuator

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Disease

- Arthritis
- Breast cancer
- Breast Neoplasms
- Diabetes Mellitus
- Genetic Predisposition to Disease
- Hepatitis C
- Lupus Erythematosus

Copyright © 2023 Abnova Corporation. All Rights Reserved.