

Product datasheet

Recombinant human LTBR protein ab157287

Overview

Product name	Recombinant human LTBR protein
Protein length	Protein fragment

Description

Nature	Recombinant
Source	HEK 293 cells
Amino Acid Sequence	
Accession	P36941
Species	Human
Sequence	<pre> MLLPWATSAP GLAWGPLVLG LFGLLAASQP QAVPPYASEN QTCRDQEKEY YEPQHRICCS RCPPGTYSVA KCSRIRDVC ATCAENSYNE HWNLTICQL CRPCDPVMGL EEIAPCTSKR KTQCRCQPGM FCAAWALECT HCELLSDCPP GTEAELKDEV GKGNNHCVPC KAGHFQNTSS PSARCQPHTR CENQGLVEAA PGTAQSDTTC KNPLEPLPPE </pre>
Molecular weight	60 kDa
Amino acids	1 to 220

Specifications

Our [Abpromise guarantee](#) covers the use of **ab157287** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Biological activity	Binds Human and mouse LIGHT and LTalpha1beta2. Inhibits Human LIGHT- and LTalpha1beta2-mediated effects such as cytotoxic effects on HT29 target cells.
Applications	Functional Studies SDS-PAGE
Endotoxin level	< 0.100 Eu/µg
Purity	> 95 % SDS-PAGE.

Form	Lyophilised
Additional notes	Binds Human and mouse LIGHT and LTalpha1beta2. Inhibits Human LIGHT- and LTalpha1beta2-mediated effects such as cytotoxic effects on HT29 target cells.

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C. Constituent: 99% PBS This product is an active protein and may elicit a biological response in vivo, handle with caution.
Reconstitution	Reconstitute in 50µl sterile water to a concentration of 1 mg/ml. Further dilutions should be made with medium containing 5% fetal calf serum or a carrier protein. After reconstitution, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles.

General Info

Function	Receptor for the heterotrimeric lymphotoxin containing LTA and LTB, and for TNFS14/LIGHT. Promotes apoptosis via TRAF3 and TRAF5. May play a role in the development of lymphoid organs.
Sequence similarities	Contains 4 TNFR-Cys repeats.
Cellular localization	Membrane.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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