

Product datasheet

Recombinant Human CD8 beta protein ab112264

1 Image

Overview

Product name	Recombinant Human CD8 beta protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Wheat germ

Amino Acid Sequence

Accession	P10966
Species	Human
Sequence	MRPRLWLLLAQLTVLHGNSVLQQTTPAYIKVQTNKMVMLSCEAKISLSNM RIWLRQRQAPSSDSHHEFLALWDSAKGTIHGEEVEQEKIIVFRDASRFI LNLTSVKPEDSGIYFCMVGSPELTFGKGTQLSVVDFLPTTAQPTKKSTL KKRVCRLPRPETQKGPLCSPITLGLLVAGVLVLLVSLGVAIHLCCRRRRA RLRFMKQPQEGEGISGTFVPQCLHGYYSNTTTSQKLLNPWILKT
Molecular weight	53 kDa including tags
Amino acids	1 to 243
Tags	GST tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab112264** in the following tested applications.

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

Applications	Western blot ELISA SDS-PAGE
Form	Liquid
Additional notes	Best use within three months from the date of receipt of this protein.

Preparation and Storage

Stability and Storage

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.79% Tris HCl, 0.31% Glutathione

General Info

Function

Identifies cytotoxic/suppressor T-cells that interact with MHC class I bearing targets. CD8 is thought to play a role in the process of T-cell mediated killing.

Tissue specificity

Isoform 1, isoform 3, isoform 5, isoform 6, isoform 7 and isoform 8 are expressed in both thymus and peripheral CD8+ T-cells. Expression of isoform 1 is higher in thymus CD8+ T-cells than in peripheral CD8+ T-cells. Expression of isoform 6 is higher in peripheral CD8+ T-cells than in thymus CD8+ T-cells.

Sequence similarities

Contains 1 Ig-like V-type (immunoglobulin-like) domain.

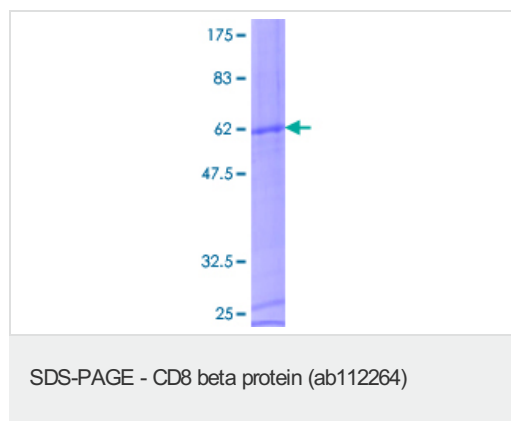
Post-translational modifications

Phosphorylated as a consequence of T-cell activation.

Cellular localization

Secreted and Cell membrane.

Images



ab112264 on a 12.5% SDS-PAGE Stained with Coomassie Blue.

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