

Recombinant Human CD8 alpha protein ab114161

1 Image

Description	
Product name	Recombinant Human CD8 alpha protein
Expression system	Wheat germ
Accession	<b><u>P01732</u></b>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	SQFRVSPLDRTWNLGETVELKCQVLLSNPTSGCSWLFQP RGAAASPTFLL YLSQNKPKAAEGLDQRFSGKRLGDTFVLTLSDFRRENE GYYFCSALSNS IMYFSHFVPV
Predicted molecular weight	38 kDa including tags
Amino acids	22 to 131
Tags	GST tag N-Terminus

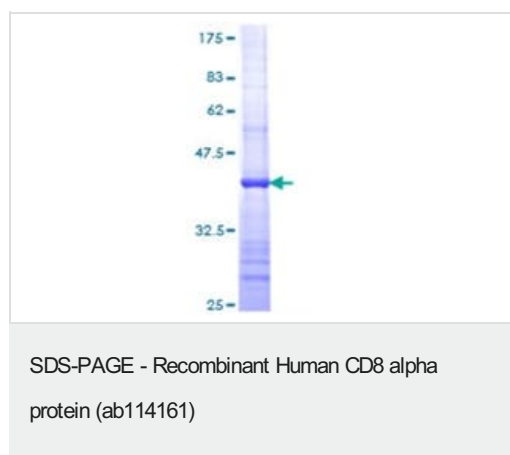
Specifications	
Our <b><u>Abpromise guarantee</u></b> covers the use of <b>ab114161</b> in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
Applications	Western blot ELISA SDS-PAGE
Form	Liquid

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: 0.3% Glutathione, 0.79% Tris HCl

## General Info

<b>Function</b>	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. CD8 alpha chains binds to class I MHC molecules alpha-3 domains.
<b>Involvement in disease</b>	Defects in CD8A are a cause of familial CD8 deficiency (CD8 deficiency) [MIM:608957]. Familial CD8 deficiency is a novel autosomal recessive immunologic defect characterized by absence of CD8+ cells, leading to recurrent bacterial infections.
<b>Sequence similarities</b>	Contains 1 Ig-like V-type (immunoglobulin-like) domain.
<b>Post-translational modifications</b>	All of the five most carboxyl-terminal cysteines form inter-chain disulfide bonds in dimers and higher multimers, while the four N-terminal cysteines do not.
<b>Cellular localization</b>	Secreted and Cell membrane.

## Images



12.5% SDS-PAGE analysis of ab114161, stained with Coomassie Blue.

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

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