

Product datasheet

Recombinant mouse PD1 protein (Fc Chimera)
ab216248

2 Images

Description

Product name	Recombinant mouse PD1 protein (Fc Chimera)	
Purity	> 90 % SDS-PAGE.	
Expression system	HEK 293 cells	
Accession	Q02242	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Mouse	
Sequence	LEVPNGPWRS�TFYPAWLTVSEGANATFTCSLSNWSEDL MLNWNRLSPSN QTEKQAAFCNGLSQPVQDARFQIIQLPNRHDFHMNILDTR RNDSGIYLCG AISLHPKAKIEESPGAELVVTERILETSTRYPSPSPKPEGRF Q	
Predicted molecular weight	43 kDa including tags	
Amino acids	25 to 167	
Additional sequence information	Recombinant fragment of mouse PD1 extracellular domain fused to the C-terminal Fc fusion (Mouse IgG2a).	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab216248** in the following tested applications.

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

Applications	SDS-PAGE Functional Studies
Form	Liquid
Additional notes	Protein may be diluted to ≥ 100 µg/ml in PBS + glycerol and stored at -80°C.

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at -80°C. Avoid freeze / thaw cycle.

pH: 7.40

Constituents: 0.02% Potassium chloride, 20% Glycerol, 0.64% Sodium chloride, 79% Phosphate Buffer

This product is an active protein and may elicit a biological response in vivo, handle with caution.

General Info

Function

Possible cell death inducer, in association with other factors.

Involvement in disease

Genetic variation in PDCD1 is associated with susceptibility to systemic lupus erythematosus type 2 (SLEB2) [MIM:605218]. Systemic lupus erythematosus is a chronic, inflammatory and often febrile multisystemic disorder of connective tissue. It affects principally the skin, joints, kidneys and serosal membranes. It is thought to represent a failure of the regulatory mechanisms of the autoimmune system.

Sequence similarities

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

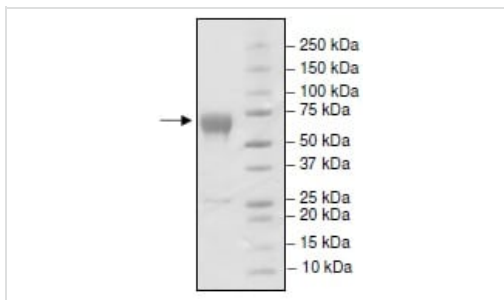
Developmental stage

Induced at programmed cell death.

Cellular localization

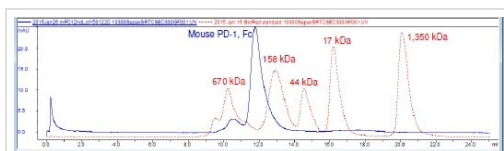
Membrane.

Images



SDS-PAGE - Recombinant mouse PD1 protein (Fc Chimera) (ab216248)

4-20% SDS-PAGE using 3µg of ab216248.



Other - Recombinant mouse PD1 protein (Fc Chimera) (ab216248)

Gel filtration curve of ab216248.

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

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