

Product datasheet

Recombinant Human CD90 / Thy1 protein (Fc Chimera) ab157072

2 References

Description

Product name	Recombinant Human CD90 / Thy1 protein (Fc Chimera)	
Biological activity	Binds to Human $\alpha v\beta 3$ integrin.	
Purity	> 90 % SDS-PAGE.	
Endotoxin level	< 0.100 Eu/ μ g	
Expression system	HEK 293 cells	
Accession	<u>P04216</u>	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	QKVTSLTACLVDQSLRLDCRHENTSSSPIQYEFSLTRET KHVLFQTVGV PEHTYRSRTNFTSKYNMKVLYLSAFTSKDEGTYTCALHHS GHSPPISSQN VTVLRDKLVKC	
Predicted molecular weight	13 kDa	
Amino acids	20 to 130	
Additional sequence information	Fused to Fc portion of human IgG1. SDS page: band of ~ 50kDa. Thy-1 (~13kDa) + Fc fusion (~29.3kDa) = ~42kDa. Higher due to post-translational modifications given that Thy-1 is a glycoprotein.	

Specifications

Our **Abpromise guarantee** covers the use of **ab157072** 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
Form	Lyophilized
Additional notes	Binds to Human $\alpha v\beta 3$ integrin.

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at -20°C.

Constituent: 99% PBS

Reconstitution

Reconstitute with 50µl sterile distilled water. 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

May play a role in cell-cell or cell-ligand interactions during synaptogenesis and other events in the brain.

Sequence similarities

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

Cellular localization

Cell membrane.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors