

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	QKVTSLTACLVDQSLRLDCRHENTSSSPIQYEFSLTRETK KHLVFGTVGV 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.

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