

Recombinant mouse CD105 protein ab54339

2 Images

Description

| | |
|--------------------------|--|
| Product name | Recombinant mouse CD105 protein |
| Purity | > 95 % SDS-PAGE. Purity: > 95% (SDS-PAGE and visualized by Silverstain). Endotoxin level: < 0.1 ng per Åµg of CD105. Affinity purified. |
| Expression system | Insect cells |
| Protein length | Protein fragment |
| Animal free | No |
| Nature | Recombinant |
| Species | Mouse |
| Amino acids | 1 to 581 |

Specifications

Our **Abpromise guarantee** covers the use of **ab54339** 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 ELISA |
| Form | Lyophilized |

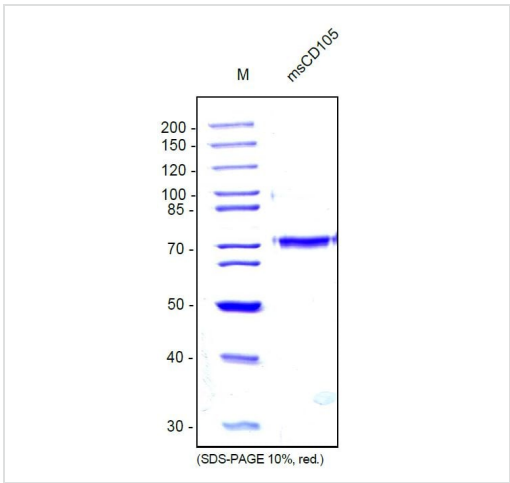
Preparation and Storage

| | |
|------------------------------|--|
| Stability and Storage | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. This product is an active protein and may elicit a biological response in vivo, handle with caution. |
| Reconstitution | The protein can also be reconstituted in ddH2O or PBS to a concentration of 100µg/ml. The carrier-free protein should be used immediately upon reconstitution to avoid losses in activity due to non-specific binding to the inside surface of the vial. For long term storage as a dilute solution, a carrier protein (e.g. 0.1% HSA or BSA) should be added to the vial. |

General Info

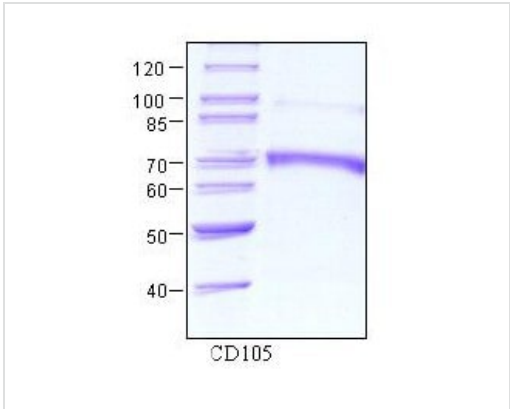
| | |
|------------------------|---|
| Function | Major glycoprotein of vascular endothelium. May play a critical role in the binding of endothelial cells to integrins and/or other RGD receptors. |
| Tissue specificity | Endoglin is restricted to endothelial cells in all tissues except bone marrow. |
| Involvement in disease | Defects in ENG are the cause of hereditary hemorrhagic telangiectasia type 1 (HHT1) [MIM:187300, 108010]; also known as Osler-Rendu-Weber syndrome 1 (ORW1). HHT1 is an autosomal dominant multisystemic vascular dysplasia, characterized by recurrent epistaxis, muco-cutaneous telangiectases, gastro-intestinal hemorrhage, and pulmonary (PAVM), cerebral (CAVM) and hepatic arteriovenous malformations; all secondary manifestations of the underlying vascular dysplasia. Although the first symptom of HHT1 in children is generally nose bleed, there is an important clinical heterogeneity. |
| Cellular localization | Membrane. |

Images



SDS-PAGE - Recombinant mouse CD105 protein (ab54339)

SDS-PAGE analysis of recombinant mouse soluble CD105 from insect cells. Sample was loaded in 10% SDS-polyacrylamide gel under reducing conditions and stained with Silver stain.



SDS-PAGE - Recombinant mouse CD105 protein (ab54339)

ab54339 on SDS-PAGE

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

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