

Product datasheet

Recombinant Mouse TIE1 protein ab54433

Description

Product name	Recombinant Mouse TIE1 protein
Purity	> 90 % SDS-PAGE. Purity: > 90%, by SDS-PAGE and visualised by silver stain. Endotoxin level: < 0.1 ng per µg sTIE-1/Fc
Expression system	CHO cells
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Mouse

Specifications

Our **Abpromise guarantee** covers the use of **ab54433** 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

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Constituent: PBS
Reconstitution	The protein can be reconstituted in ddH ₂ O or PBS to a concentration of 100µg/ml.

General Info

Function	Transmembrane tyrosine-protein kinase that may modulate TEK/TIE2 activity and contribute to the regulation of angiogenesis.
Tissue specificity	Specifically expressed in developing vascular endothelial cells.
Sequence similarities	Belongs to the protein kinase superfamily. Tyr protein kinase family. Tie subfamily. Contains 3 EGF-like domains.

Contains 3 fibronectin type-III domains.
Contains 2 Ig-like C2-type (immunoglobulin-like) domains.
Contains 1 protein kinase domain.

Post-translational modifications Phosphorylated on tyrosine residues in response to ANGPT1, most likely by TEK/TIE2.

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
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