

Datasheet for ABIN2733707

**TIE1 Protein****1** Image[Go to Product page](#)

## Overview

Quantity:	10 µg
Target:	TIE1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Application:	Antibody Production (AbP), Standard (STD)

## Product Details

Characteristics:	<ul style="list-style-type: none"><li>• Recombinant human TIE1 protein expressed in HEK293 cells.</li><li>• Produced with end-sequenced ORF clone</li></ul>
Purity:	> 95 % as determined by SDS-PAGE and Coomassie blue staining
Endotoxin Level:	< 0.1 EU per µg protein as determined by LAL test

## Target Details

Target:	TIE1
Alternative Name:	Tie1 ( <a href="#">TIE1 Products</a> )
Background:	This gene encodes a member of the tyrosine protein kinase family. The encoded protein plays a critical role in angiogenesis and blood vessel stability by inhibiting angiopoietin 1 signaling through the endothelial receptor tyrosine kinase Tie2. Ectodomain cleavage of the encoded protein relieves inhibition of Tie2 and is mediated by multiple factors including vascular endothelial growth factor. Alternatively spliced transcript variants encoding multiple isoforms

## Target Details

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have been observed for this gene.

Molecular Weight: 81 kDa

NCBI Accession: [NP\\_005415](#)

Pathways: [RTK Signaling](#)

## Application Details

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Application Notes: Recombinant human proteins can be used for:  
Native antigens for optimized antibody production  
Positive controls in ELISA and other antibody assays

Restrictions: For Research Use only

## Handling

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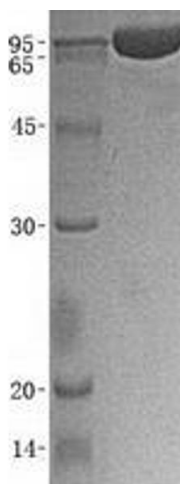
Buffer: Lyophilized from a 0.2  $\mu$ M filtered solution of 20 mM MES, 150 mM NaCl, pH 5.5. Stable for at least 6 months from date of receipt under proper storage and handling conditions.

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

## Images

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### Western Blotting

**Image 1.** Validation with Western Blot