

Product datasheet

Recombinant Human CD9 protein - BSA and Azide free ab174040

[1 Image](#)

Description

Product name	Recombinant Human CD9 protein - BSA and Azide free	
Purity	> 95 % SDS-PAGE. Purified by Immobilized metal affinity chromatography.	
Endotoxin level	< 1.000 Eu/µg	
Expression system	HEK 293 cells	
Accession	<u>P21926</u>	
Protein length	Protein fragment	
Animal free	No	
Carrier free	Yes	
Nature	Recombinant	
Species	Human	
Sequence	SHKDEVIKEVQEFYKDTYNKCLKTKDEPQRETLKAIHYALNC CGLAGGVEQ FISDICPKKDVLETFTVKSCPDAIKEVFDNKFHI	
Predicted molecular weight	11 kDa including tags	
Amino acids	112 to 195	
Tags	His tag C-Terminus	
Additional sequence information	(NP_001760.1)	
Description	Recombinant Human CD9 protein (BSA and azide free)	

Specifications

Our **Abpromise guarantee** covers the use of **ab174040** 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	Lyophilized from 0.22 µm filtered solution.

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at 4°C prior to reconstitution. Store at -20°C or -80°C.

pH: 7.40

Constituents: 95% PBS, 5% Trehalose

Reconstitution

Reconstitute with sterile deionized water to a concentration of 100 µg/ml.

General Info

Function

Involved in platelet activation and aggregation. Regulates paranodal junction formation. Involved in cell adhesion, cell motility and tumor metastasis. Required for sperm-egg fusion.

Tissue specificity

Expressed by a variety of hematopoietic and epithelial cells.

Sequence similarities

Belongs to the tetraspanin (TM4SF) family.

Post-translational modifications

Protein exists in three forms with molecular masses between 22 and 27 kDa, and is known to carry covalently linked fatty acids.

Cellular localization

Membrane.

Images



SDS-PAGE analysis of Human CD9 in reducing conditions. Gel stained overnight with Coomassie Blue. Protein migrates at 11 kDa.

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

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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