# antibodies -online.com







### **CD248 Protein (AA 18-687) (His tag)**

**Images** 



#### Overview

Quantity:	100 μg
Target:	CD248
Protein Characteristics:	AA 18-687
Origin:	Dog
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD248 protein is labelled with His tag.

#### **Product Details**

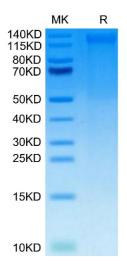
Purpose:	Canine TEM1/cd248 Protein
Sequence:	Gln18-Gly687
Characteristics:	Recombinant Canine TEM1/cd248 Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Gln18-Gly687.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

#### **Target Details**

Target:	CD248
Alternative Name:	TEM1 (CD248 Products)

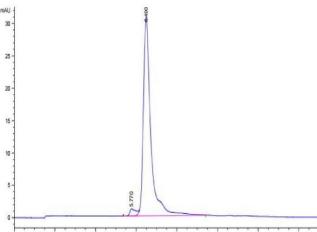
#### **Target Details**

•	
Background:	Colorectal cancer (CRC) is one of the most common cancers worldwide usually diagnosed in the advanced stage. The serum concentration of tumor endothelial marker 1 (TEM1) was measured and correlated with clinicopathological features to evaluate whether TEM1 might serve as a biomarker for early CRC diagnosis, progression, and prognosis. TEM1 can act as a potential diagnostic, progression, and prognostic serum biomarker for patients with CRC, TEM7 might be a good supplement for commonly used markers CEA and Ca 19-9.
Molecular Weight:	72.72 kDa. Due to glycosylation, the protein migrates to 120-140 kDa based on Tris-Bis PAGE result.
NCBI Accession:	XP_025302002
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 $\mu$ g/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from $0.22\mu m$ filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



#### **SDS-PAGE**

Image 1. Canine TEM1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



## Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 2.** The purity of Canine TEM1 is greater than  $95\,\%$  as determined by SEC-HPLC.