



[Go to Product page](#)

Datasheet for ABIN7320847
CD6 Protein (CD6) (His tag)

1 Image

Overview

Quantity:	50 µg
Target:	CD6
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD6 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse CD6/TP120 Protein (His Tag)
Sequence:	Leu18-Gly396
Characteristics:	Recombinant Mouse CD6 antigen is produced by our Mammalian expression system and the target gene encoding Leu18-Gly396 is expressed with a 6His tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CD6
Alternative Name:	CD6/TP120 (CD6 Products)
Background:	Background: CD6 is a member of the group B scavenger receptor cysteine-rich (SRCR) superfamily. CD6 is a type I membrane glycoprotein and contains three extracellular SRCR domains. CD6 is expressed at low levels on immature thymocytes and at high levels on mature

Target Details

thymocytes. The majority of peripheral blood T cells, a subset of B cells, and a subset of neuronal cells express CD6. Mouse CD6 is a 626 amino acid (aa) protein with a 24 aa sequence, a 372 aa extracellular domain, and a 204 aa cytoplasmic region. The role of CD6 has not been fully elucidated. However, it appears to play a role as both a costimulatory molecule in T cell activation and as an adhesion receptor. CD6/ALCAM interactions have been postulated to play a role in thymocyte development. The CD6 intracellular domain contains regions that can interact with SH2 or SH3 containing proteins. However, the signaling pathways have not been elucidated.

Synonym: CD6 antigen, Cd6

Molecular Weight: 41.9 kDa

UniProt: [Q91WN5](#)

Application Details

Restrictions: For Research Use only

Handling

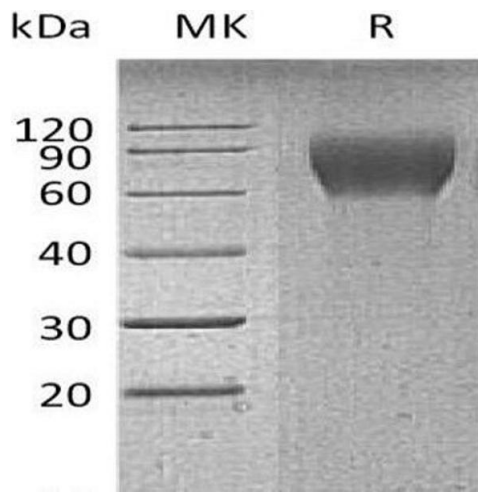
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.