

# Mouse ITGB6 Protein

Cat. No. ITG-MM1B6

## Description

<b>Source</b>	Recombinant Mouse ITGB6 Protein is expressed from Expi293 with His tag at the C-terminal. It contains Gly22-Asn706.
<b>Accession</b>	Q9Z0T9
<b>Molecular Weight</b>	The protein has a predicted MW of 75.7 kDa. Due to glycosylation, the protein migrates to 80-115 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

## Formulation and Storage

<b>Formulation</b>	Supplied as 0.22µm filtered solution in PBS (pH 7.4). Please dilute to the desired concentration according to the concentration of the solution shown on the product label.
<b>Storage</b>	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

## Background

ITGB6 is known to be one of the major receptor components involved in host tropism of foot-and-mouth disease (FMD) virus in cattle. A competitive PCR technique called ARMS PCR was adapted to identify a single-nucleotide polymorphism (SNP), G29A, db SNP Id: rs109075046, in the 5' untranslated region (5'UTR) of the bovine ITGB6 gene.

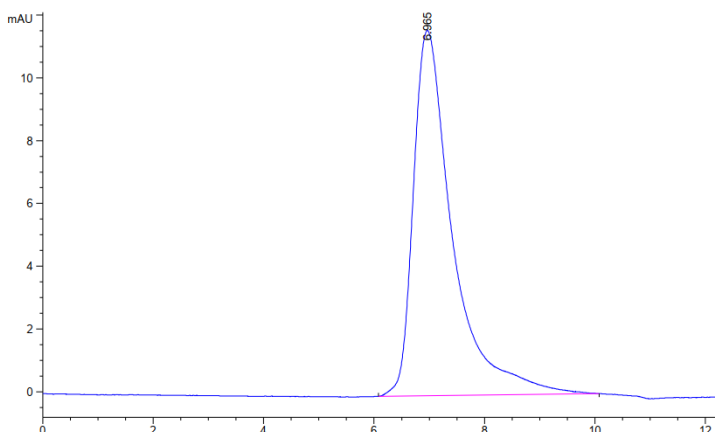
## Assay Data

### Tris-Bis PAGE



Mouse ITGB6 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

### SEC-HPLC



The purity of Mouse ITGB6 is greater than 95% as determined by SEC-HPLC.