

Human ITGB6 Protein

Cat. No. ITG-HM1B6



Description

Source	Recombinant Human ITGB6 Protein is expressed from Expi293 with His tag at the C-terminal. It contains Gly22-Asn707.
Accession	P18564-1
Molecular Weight	The protein has a predicted MW of 75.4 kDa. Due to glycosylation, the protein migrates to 80-115 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

Formulation and Storage

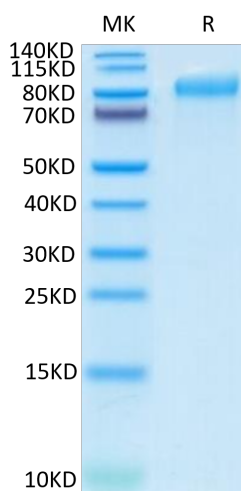
Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4). Please dilute to the desired concentration according to the concentration of the solution shown on the product label.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller 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.

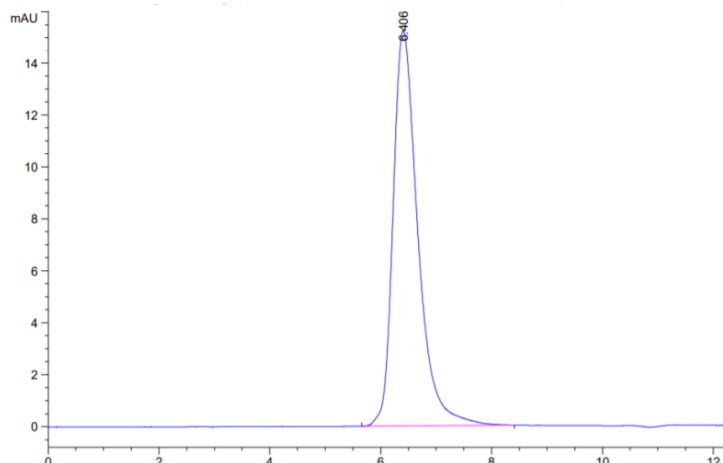
Assay Data

Tris-Bis PAGE



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

SEC-HPLC



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