

Cynomolgus AMIGO2 Protein

Cat. No. AMI-CM102



Description

Source	Recombinant Cynomolgus AMIGO2 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Val39-Thr397.
Accession	G7PHN7
Molecular Weight	The protein has a predicted MW of 41.97 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

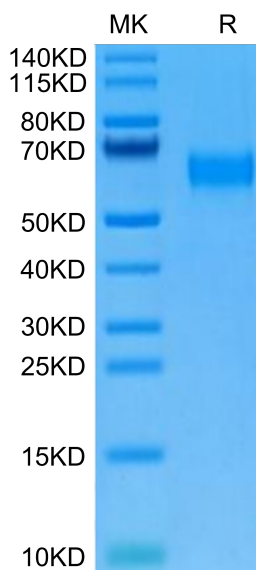
Formulation and Storage

Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
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 minimize freeze-thaw cycles.

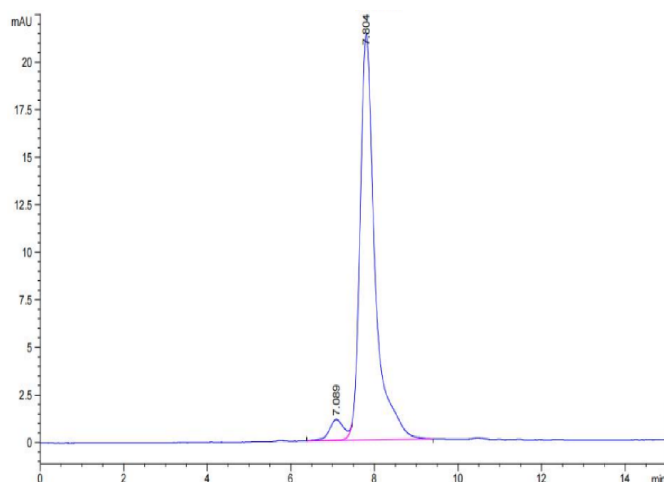
Background

Bromodomain and extraterminal domain inhibitors (BETi) represent promising therapeutic agents for metastatic melanoma, yet their mechanism of action remains unclear. Here we interrogated the transcriptional effects of BETi and identified AMIGO2, a transmembrane molecule, as a BET target gene essential for melanoma cell survival. AMIGO2 is upregulated in melanoma cells and tissues compared to human melanocytes and nevi, and AMIGO2 silencing in melanoma cells induces G1/S arrest followed by apoptosis.

Assay Data



Cynomolgus AMIGO2 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



The purity of Cynomolgus AMIGO2 is greater than 95% as determined by SEC-HPLC.