

Synonym

AMGO2

Source

Human AMIGO2, His Tag(AM2-H52H5) is expressed from human 293 cells (HEK293). It contains AA Val 31 - Thr 398 (Accession # [Q86SJ2-1](#)).

Predicted N-terminus: Val 31

Molecular Characterization

AMIGO2(Val 31 - Thr 398)
Q86SJ2-1 Poly-his

This protein carries a polyhistidine tag at the C-terminus

The protein has a calculated MW of 43.5 kDa. The protein migrates as 58-62 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Endotoxin

Less than 1.0 EU per µg by the LAL method.

Purity

>95% as determined by SDS-PAGE.

Formulation

Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.

Contact us for customized product form or formulation.

Reconstitution

Please see Certificate of Analysis for specific instructions.

For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.

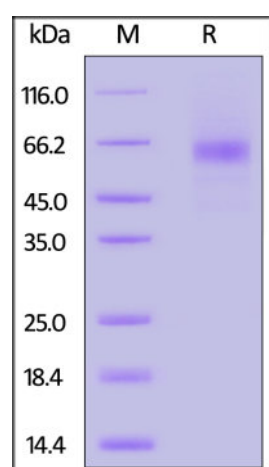
Storage

For long term storage, the product should be stored at lyophilized state at -20°C or lower.

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

SDS-PAGE

Human AMIGO2, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

Background

Gastric cancer (GC) is one of the most common malignancies, and the liver is the most common site of hematogenous metastasis of GC. AMIGO2 is a type I transmembrane protein that has been implicated in tumour cell adhesion in adenocarcinomas; however, its importance in GC remains undetermined. But more data highlight AMIGO2 as a new target for a novel anti-metastatic therapeutic approach aimed at blocking cohesion, survival, and adhesion of metastatic tumorspheres.

Clinical and Translational Updates

Please contact us via TechSupport@acrobiosystems.com if you have any question on this product.