9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-17863: Recombinant Human MUC18 Protein, His Tag

Uniprot ID :	P43121
Alternative Name :	Cell surface glycoprotein MUC18?Cell surface glycoprotein P1H12?Melanoma cell adhesion molecule?Melanoma-associated antigen A32?Melanoma-associated antigen MUC18?S-endo 1 endothelial-associated antigen?CD146

Description

Molecular Characterization: MUC18(Val24-Gly559) 6Ã—His tag
Molecular weight: The protein has a predicted molecular mass of 60.6 kDa after removal of the signal peptide. The apparent molecular mass of MUC18-His is approximately 70-100 kDa due to glycosylation.
Description: Recombinant human MUC18 protein with C-terminal 6Ã—His tag
Plays a role in cell adhesion, and in cohesion of the endothelial monolayer at intercellular junctions in vascular tissue. Its expression may allow melanoma cells to interact with cellular elements of the vascular system, thereby enhancing hematogeneous tumor spread. Could be an adhesion molecule active in neural crest cells during embryonic development. Acts as surface receptor that triggers tyrosine phosphorylation of FYN and PTK2/FAK1, and a transient increase in the intracellular calcium concentration.[UniProtKB/Swiss-Prot Function]

Product Info

Amount :	100 µg / 50 µg
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.