
Recombinant human MUC1 Protein,C-His (HEK293)

Catalog Number: bs-47253P

Species: Human

AA Seq: 31-100/1255

Tags: C-His

Activity: Not tested

Purity: > 85% as determined by SDS-PAGE

Purification: AC

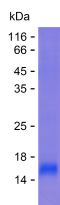
Form: Liquid

Storage: 150 mM PBS

Stored at -70°C or -20°C for one year. Avoid repeated freeze/thaw cycles. Stored at 2 to 8 °C for 2 days after thawing.

Background: The alpha subunit has cell adhesive properties. Can act both as an adhesion and an anti-adhesion protein. May provide a protective layer on epithelial cells against bacterial and enzyme attack. The beta subunit contains a C-terminal domain which is involved in cell signaling, through phosphorylations and protein-protein interactions. Modulates signaling in ERK, SRC and NF-kappa-B pathways. In activated T-cells, influences directly or indirectly the Ras/MAPK pathway. Promotes tumor progression. Regulates TP53-mediated transcription and determines cell fate in the genotoxic stress response. Binds, together with KLF4, the PE21 promoter element of TP53 and represses TP53 activity.

VALIDATION IMAGES



The purified product was run on 15% SDS-PAGE at reducing conditions. The gel was stained with Coomassie brilliant blue and destained. Note: The molecular weight of the protein as observed on SDS-PAGE under reducing conditions may differ from its predicted value, due to variations in electrophoretic mobilities.