

# Human FUT10 / Fucosyltransferase 10 Protein (His Tag)

Catalog Number: 11327-H07H



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## General Information

### Gene Name Synonym:

FUT10

### Protein Construction:

A DNA sequence encoding the luminal domain of human FUT10 (Q6P4F1-1) (Leu 32-Asp 479) was expressed, with a polyhistidine tag at the N-terminus.

**Source:** Human

**Expression Host:** HEK293 Cells

## QC Testing

**Purity:** > 95 % as determined by SDS-PAGE

### Endotoxin:

< 1.0 EU per µg of the protein as determined by the LAL method

### Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

**Predicted N terminal:** His

### Molecular Mass:

The recombinant human FUT10 consists of 464 amino acids and has a calculated molecular mass of 54.7 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh FUT10 is approximately 55-65 kDa due to different glycosylation.

### Formulation:

Lyophilized from sterile PBS, pH 7.4

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

## Usage Guide

### Storage:

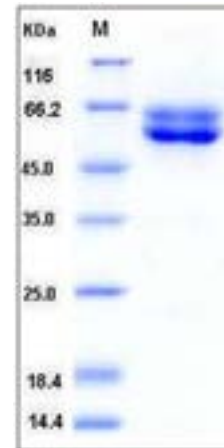
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

**Avoid repeated freeze-thaw cycles.**

### Reconstitution:

Detailed reconstitution instructions are sent along with the products.

## SDS-PAGE:



## References

1.Breton, C. et al., 1998, Glycobiology. 8 (1): 87-94. 2.Oriol, R. et al., 1999, Glycobiology. 9 (4): 323-34. 3.de Vries, T. et al., 2001, Glycobiology. 11 (10): 119R-128R.

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