

## Fucosyltransferase 8

**Cat. No.:** HY-E70157  
**Target:** Glucosylceramide Synthase (GCS)  
**Pathway:** Neuronal Signaling  
**Storage:** Please store the product under the recommended conditions in the Certificate of Analysis.

## Fucosyltransferase 8

### BIOLOGICAL ACTIVITY

#### Description

Fucosyltransferase 8 (EC:2.4.1.68; FUT8;  $\alpha$ 1-6FucT) is a glycosyl transferase and catalyzes the transfer of a fucose residue from GDP-fucose to the innermost N-acetylglucosamine residue of N-glycans<sup>[1]</sup>.

### REFERENCES

[1]. Lee SH, et al. Loss of core fucosylation of low-density lipoprotein receptor-related protein-1 impairs its function, leading to the upregulation of serum levels of insulin-like growth factor-binding protein 3 in Fut8<sup>-/-</sup> mice. *J Biochem.* 2006;139(3):391-398.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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