

Recombinant Human UGT8 Protein, His-tagged

UGT8-603H Human

Lot. No. (See product label)

Specification

Product Overview

Recombinant Human UGT8(Gly198~Lys541) fused with His tag at N-terminal was expressed in E. coli.

Description

The protein encoded by this gene belongs to the UDP-glycosyltransferase family. It catalyzes the transfer of galactose to ceramide, a key enzymatic step in the biosynthesis of galactocerebrosides, which are abundant sphingolipids of the myelin membrane of the central and peripheral nervous systems. Alternatively spliced transcript variants have been found for this gene.

Source

E. coli

Species

Human

Tag

His

Form

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Molecular Mass

40.5kDa

Protein length

Gly198~Lys541

Endotoxin

<1.0EU per 1µg (determined by the LAL method)

Purity

>98%

Applications

Positive Control; Immunogen; SDS-PAGE; WB.
If bio-activity of the protein is needed, please check active protein.

Stability

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution

Reconstitute in PBS or others.

Gene Information

Gene Name

[UGT8 UDP glycosyltransferase 8 \[Homo sapiens \]](#)

Official Symbol

[UGT8](#)

Synonyms

CGT; UGT4

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Gene ID	7368
mRNA Refseq	NM_001128174
Protein Refseq	NP_001121646
MIM	601291
UniProt ID	Q16880

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