

# Recombinant Human CA199(FUT3) Protein (His Tag)

Catalog Number:PDEH100044



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

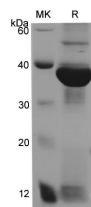
## Description

<b>Synonyms</b>	Galactoside 3(4)-L-fucosyltransferase;Blood group Lewis alpha-4-fucosyltransferase; Lewis FT;Fucosyltransferase 3;Fucosyltransferase III;FucT-III;FUT3;FT3B;LE
<b>Species</b>	Human
<b>Expression Host</b>	E.coli
<b>Sequence</b>	Val35-Thr361
<b>Accession</b>	P21217-1
<b>Calculated Molecular Weight</b>	38.1 kDa
<b>Observed molecular weight</b>	40.9 kDa
<b>Tag</b>	N-His

## Properties

<b>Purity</b>	> 80 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	Please contact us for more information.
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

## Data



> 80 % as determined by reducing SDS-PAGE.

## Background

May catalyze alpha-1,3 and alpha-1,4 glycosidic linkages involved in the expression of Vim-2, Lewis A, Lewis B, sialyl Lewis X and Lewis X/SSEA-1 antigens. May be involved in blood group Lewis determination; Lewis-positive (Le+) individuals have an active enzyme while Lewis-negative (Le-) individuals have an inactive enzyme. Also acts on the corresponding 1,4-galactosyl derivative, forming 1,3-L-fucosyl links.

## For Research Use Only

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