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Datasheet for ABIN7319946
CA199 Protein (His tag)

Overview

Quantity:	100 µg
Target:	CA199
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CA199 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human CA199(FUT3) Protein (His Tag)
Sequence:	Val35-Thr361
Characteristics:	A DNA sequence encoding the Human FUT3 (P21217-1) (Val35-Thr361) was expressed with a polyhistidine tag at the N-terminus.
Purity:	>80 % as determined by reducing SDS-PAGE.
Biological Activity Comment:	Immunogen(E-AB-40309)

Target Details

Target:	CA199
Alternative Name:	CA199 (CA199 Products)
Background:	Background: May catalyze alpha-1,3 and alpha-1,4 glycosidic linkages involved in the

Target Details

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.

Synonym: Galactoside 3(4)-L-fucosyltransferase, Blood group Lewis alpha-4-fucosyltransferase, Lewis FT, Fucosyltransferase 3, Fucosyltransferase III, FucT-III, FUT3, FT3B, LE

Molecular Weight: 38.05kDa

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: 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.