



Recombinant Protein Technical Manual

Recombinant Human B4GALT3 Protein (His Tag)

RPES3366

Product Data:

Product SKU: RPES3366

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: O60512

Protein Information:

Molecular Mass: 41.5 kDa

AP Molecular Mass: 50 kDa

Tag: C-6His

Bio-activity:

Purity: > 90 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.

Formulation: Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, 150mM NaCl, 2mM MgCl₂, 10% Glycerol, pH 7.5.

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

Application:

Synonyms: Beta;4-galactosyltransferase 3; B4GALT3

Immunogen Information:

Sequence: Arg32-His393

Background:

Beta,4-galactosyltransferase 3 (B4GALT3) belongs to the glycosyltransferase 7 family. It is responsible for the synthesis of complex-type N-linked oligosaccharides in many glycoproteins as well as the carbohydrate moieties of glycolipids. It is highest expression in placenta, prostate, testis, ovary, intestine and muscle, and in fetal brain.