Recombinant Human GALNS Protein (M1-H522), Tag Free

Cat. No. GALNS-0128H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GALNS(M1-H522 end) (C79A)-GG Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	M1-H522
Description	This gene encodes N-acetylgalactosamine-6-sulfatase which is a lysosomal exohydro lase required for the degradation of the glycosaminoglycans, keratan sulfate, and cho ndroitin 6-sulfate. Sequence alterations including point, missense and nonsense muta tions, as well as those that affect splicing, result in a deficiency of this enzyme. Defici encies of this enzyme lead to Morquio A syndrome, a lysosomal storage disorder.
Form	Liquid
Endotoxin	< 0.01 EU per μg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	GALNS galactosamine (N-acetyl)-6-sulfate sulfatase [Homo sapiens (human)]
Official Symbol	GALNS
Synonyms	GALNS; galactosamine (N-acetyl)-6-sulfate sulfatase; N-acetylgalactosamine-6-sulfatase; GALNAC6S; GAS; Morquio syndrome; mucopolysaccharidosis type IVA; chondroitinase; galNAc6S sulfatase; chondroitinsulfatase; galactose-6-sulfate sulfatase; N-acetylgalactosamine-6-sulfate sulfatase; MPS4A; FLJ17434; FLJ42844; FLJ98217;
Gene ID	2588
mRNA Refseq	NM_000512
Protein Refseq	NP_000503
MIM	612222
UniProt ID	P34059

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