

# Recombinant Human GALNS Protein (27-522 aa), His-tagged

**Cat. No.** GALNS-1398H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| <b>Product Overview</b> | Recombinant Human GALNS Protein (27-522 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Full Length of Mature Protein.                                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | Yeast                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 27-522 aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | Tris-based buffer, 50% glycerol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Molecular Mass</b>   | 57.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | APQPPNILLLLMDDMGWDLGVYGEPSRETPNLDRMAAEGLLPNFYSANPLCSPS<br>RAALLTGRLPIRNGFYTTNAHARNAYTPQEIVGGIPDSEQLLPELLKKAGYVSKIVGK<br>WHLGHRPQFHPLKHGFDWFGSPNCHFGPYDNKARPNI PVYRDWEMVGRYYEEF<br>PINLKTGEANLTQIYLQEALDFIKRQARHHPFFLYWAVDATHAPVYASKPFLGTSQRG<br>RYGDAVREIDDSIGKILELLQDLHVADNTFVFFTS DNGAALISAPEQGGSNGPFLCGK<br>QTTFEGGMREPALAWWPGHV TAGQVSHQLGSIMDLFTTSLALAGLTPPSDRAIDGL<br>NLLPTLLQGRLMDRPIFY YRGDTLMAATLGQHKAFWTW TNSWENFRQGIDFCPG<br>QNVSGVTTHNLEDHTKLPLIFHLGRDPGERFPLSFASAEYQEALSRITSVVQQHQEA<br>LVPAQPQLNVCNWAVMNWAPP GCEKLGKCLTPPESIPKKCLWSH |
| <b>Purity</b>           | > 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

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|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Notes</b>         | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.                                                                                                                                                                                                        |
| <b>Storage</b>       | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade. |
| <b>Concentration</b> | A hardcopy of COA with reconstitution instruction is sent along with the products.                                                                                                                                                                                                                                  |

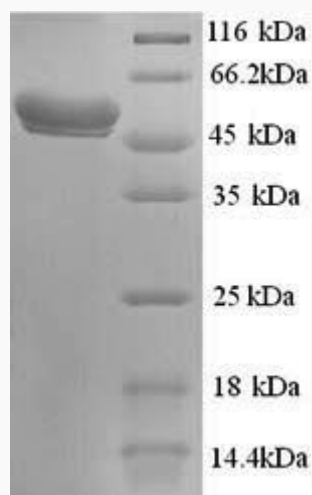
## GENE INFORMATION

|                        |                                                                     |
|------------------------|---------------------------------------------------------------------|
| <b>Gene Name</b>       | GALNS galactosamine (N-acetyl)-6-sulfate sulfatase [ Homo sapiens ] |
| <b>Official Symbol</b> | GALNS                                                               |
| <b>Synonyms</b>        | GALNS; GALNAC6S; GAS; MPS4A; FLJ17434; FLJ42844; FLJ98217;          |
| <b>Gene ID</b>         | 2588                                                                |
| <b>mRNA Refseq</b>     | NM_000512                                                           |
| <b>Protein Refseq</b>  | NP_000503                                                           |
| <b>MIM</b>             | 612222                                                              |
| <b>UniProt ID</b>      | P34059                                                              |

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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