



Recombinant human N (4)- (beta-N-acetylglucosaminyI)-L-asparaginase

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|--------------------------|---|
| Product Code | CSB-EP001423HU1-B |
| Storage | 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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |
| Uniprot No. | P20933 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Purity | >85% (SDS-PAGE) |
| Sequence | TIGMVIHKKTGHIAAGTSTNGIKFKIHGRVGDSPiPGAGAYADDTAGAAAATGN GDILMRFLPSYQAVEYMRRGEDPTIACQKVISRIQKHFPEFFGAVICANVTGSY GAACNKLSTFTQFSFMVYNSEKNQPTEEKVDCI |
| Research Area | Signal Transduction |
| Source | E.coli |
| Target Names | AGA |
| Expression Region | 206-346aa |
| Tag Info | Tag type will be determined during the manufacturing process. |
| Protein Length | Glycosylasparaginase beta chain |
| Target Details | Aspartylglucosaminidase is involved in the catabolism of N-linked oligosaccharides of glycoproteins. It cleaves asparagine from N-acetylglucosamines as one of the final steps in the lysosomal breakdown of glycoproteins. The lysosomal storage disease aspartylglycosaminuria is caused by a deficiency in the AGA enzyme. |
| Reconstitution | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference. |
| Shelf Life | 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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |