

**protein glycosylation, GO:0006486**

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- integral component of endoplasmic reticulum membrane, GO:0030176
  - cellular protein modification process, GO:0006464
  - manganese ion binding, GO:0030145
  - hydrolase activity, GO:0016798
  - protein O-linked glycosylation, GO:0006493
  - protein N-linked glycosylation, GO:0006487
  - GPI anchor biosynthetic process, GO:0006506
  - glycosaminoglycan metabolic process, GO:0030203
  - N-glycan processing, GO:0006491
  - glycosphingolipid metabolic process, GO:0006687
  - oligosaccharyltransferase complex, GO:0008250
  - keratan sulfate biosynthetic process, GO:0018146
  - mesoderm formation, GO:0001707
  - glycosaminoglycan biosynthetic process, GO:0006024
  - respiratory gaseous exchange, GO:0007585
  - acetylglucosaminyltransferase activity, GO:0008375
  - oligosaccharide metabolic process, GO:0009311
  - mannose metabolic process, GO:0006013
  - protein O-linked mannosylation, GO:0035269
  - dolichyl-diphosphooligosaccharide-protein glycotransferase activity, GO:0004579
  - protein targeting to ER, GO:0045047
  - mannosylation, GO:0097502
  - galactosyltransferase activity, GO:0008378
  - magnesium ion transmembrane transporter activity, GO:0015095
  - O-glycan processing, GO:0016266
  - fucosyltransferase activity, GO:0008417
  - sialylation, GO:0097503
  - beta-N-acetylglucosaminylglycopeptide beta-1, GO:0003831
  - sialyltransferase activity, GO:0008373
  - magnesium ion transmembrane transport, GO:1903830
  - transferase activity, GO:0016765
  - alpha-mannosidase activity, GO:0004559
  - magnesium ion transport, GO:0015693
  - chondroitin sulfate metabolic process, GO:0030204
  - heparan sulfate proteoglycan biosynthetic process, GO:0015012
  - prenyltransferase activity, GO:0004659
  - mannosyltransferase activity, GO:0000030
  - acetylgalactosaminyltransferase activity, GO:0008376
  - dolichyl diphosphate biosynthetic process, GO:0006489
  - Notch receptor processing, GO:0007220
  - GDP-mannose biosynthetic process, GO:0009298
  - oligosaccharyl transferase activity, GO:0004576
  - mannosyl-oligosaccharide 1, GO:0004571
  - polypeptide N-acetylgalactosaminyltransferase activity, GO:0004653
  - cerebellar Purkinje cell layer development, GO:0021680
  - oxidoreductase activity, GO:0016628
  - UDP-N-acetylglucosamine metabolic process, GO:0006047
  - glycolipid metabolic process, GO:0006664