

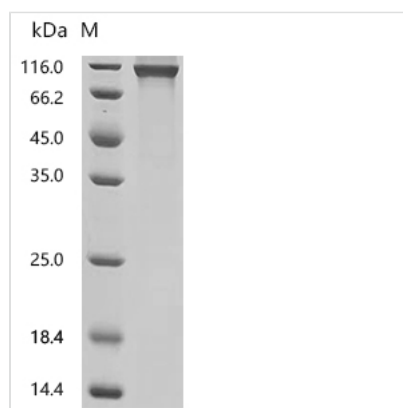


Recombinant Human UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit (OGT)

Product Code	CSB-EP016315HU(A4)
Abbreviation	Recombinant Human OGT protein
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.	O15294
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Product Type	Recombinant Human UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit (OGT)
Immunogen Species	Homo sapiens (Human)
Sensitivity	Not Test
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	ASSVGNVADSTEPTKRMLSFQGLAELAHREYQAGDFEAAERHCMQLWRQEP DNTGVLLLLSSIHFCRRLLDRSAHFSTLAIKQNPLLAEAYSNLGNVYKERGQLQ EAIEHYRHALRLKPDFIDGYINLAAALVAAGDMEGAVQAYVSALQYNPDLYCVR SDLGNLLKALGRLEEAKACYLKAIETQPNFAVAWSNLGCVFNAQGEIWLAIHFF EKAVTLDPNFLDAYINLGNVLKEARIFDRAVAAYLRALSLSPNHAVVHGNLACV YYEQGLIDLAIPTYRRALQLPHFPDAYCNLANALKEKGSVAEAEDCYNTALRL CPTHADSLNNLANIKREQGNIEEAVRLYRKALEVFPEFAAAHSNLASVLQQQG KLQEALMHYKEAIRISPTFADAYSNMGNLTLEMQDVQALQCYTRAIQINPAFA DAHSNLASIHKDSGNIPEAIASYRTALKLPDFPDAYCNLAHCLQIVCDWTDYD ERMKKLVSIADQLEKNRLPSVHPHSMYPLSHGFRKAIAERHGNLCLDKINV LHKPPYEHKDLKLSDGRLRVGYVSSDFGNHPTSHLMQSIPTGMHNPDKFEVF CYALSPDDGTNFRVKVMAEANHFIDLSQIPCNGKAADRIHQDGIHILVNMNGYT KGARNELFALRPAPIQAMWLGYPGTSGALFMDYIITDQETSPAEEVAEQYSEKL AYMPHTFFIGDHANMFPHLKKKAVIDFKSNGHIYDNRIVLNGIDLKAFDLSLPDV KIVKMKCPDGGDNADSSNTALNMPVIPMNTIAEAVIEMINRGQIQITINGFSISN GLATTQINNKAATGEEVPRTIIVTTRSQYGLPEDAIVYCNFNQLYKIDPSTLQMW ANILKRVNSVLWLLRFPVAVGEPNIQQAQNMGLPQNRIFSPVAPKEEHVRR GQLADVCLDTPLCNGHTTGMDVLWAGTPMVTMPGETLASRVAASQLTCLGC LELIAKNRQEYEDIAVKLGTDLEYLKKVRGKVKWQRISSPLFNTKQYTMELERL YLQMWEHYAAGNKPDHMIKPVEVTESA
Research Area	Neuroscience



Source	E.coli
Target Names	OGT
Expression Region	2-1046aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	124.3 kDa
Protein Length	Full Length of Mature Protein

Image


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

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.