

Recombinant Human OGT / O-Linked N-Acetylglucosamine Transferase protein ab131881

[1 References](#) [画像数 1](#)

製品の詳細

製品名	Recombinant Human OGT / O-Linked N-Acetylglucosamine Transferase protein
発現系	Wheat germ
アクセッション番号	<u>O15294</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MASSVGNVADSTEPTKRMLSFQGLAELAHREYQAGDFEAAER HCMQLWRQ EPDNTGVLLLLSSIHFQCRRLDRSAHFSTLAIKQNPLLAAY SNLGNVYK ERQQLQEAIIEHYRHALRLKPDFIDGYINLAAALVAAGDMEGA VQAYVSAL QYNPDLYCVRSDLGNLLKALGRLEEAKACYLKAIETQPNFAV AWSNLGCV FNAQGEIWLAIHHFEKAVTLDPNFLDAYINLGNVLKEARIFD RAVAAYLR ALSLSPNHAVVHGNLACVYYEQGLIDLAIDTYRRRAIELQPHF PDAYCNLA NALKEKGSVAEAEDCYNTALRLCPTHADSLNNLANIKREQGN IEEAVRLY RKALEVFPEFAAAHSNLASVLQQQGKLQEALMHYKEAIRISP TFADAYSN MGNTLKEMQDVQGALQCYTRAIQINPAFADAHSNLASIIHKDS GNIPEAIA SYRTALKLKPDPDAYCNLAHCLQIVCDWTDYDERMKKLVSI VADQLEKN RLPSVHPHHSMLYPLSHGFRKAIAERHGNCCLDKINVLHKPP YEHPKDLK LSDGRLRVGYVSSDFGNHPTSHLMQSIIPGMHNPDKFEVFCYA LSPDDGTN FRVKVMAEANHFIDLSQIPCNGKAADRIHQDGIHILVNMNGY TKGARNEL

FALRPAPIQAMWLGYPGTSGALFMDYIITDQETSPAEEVAEQY
SEKLAYMP
HTFFIGDHANMFPHLKKKKAVIDFKSNGHIYDNRIVLNGIDLK
AFLDSLDP
VKIVKMKCPDGGDNADSSNTALNMPVIMPNTIAEAVIEMINR
GQIQITIN
GFSISNGLATTQINNKAATGEEVPRTIIVTTRSQYGLPEDAI
VYCNFNQL
YKIDPSTLQMWANILKRVPNVSVLWLLRFPVAVGEPNIQYQAQN
MGLPQNRI
IFSPVAPKEEHVRRGQLADVCLDTPLCNGHTTGMDVLWAGTP
MVTMPGET
LASRVAASQLTCLGCLELIAKNRQEYEDIAVKLGTDLLEYLKK
VRGKVWKQ
RISSPLFNTKQYTMELERLYLQMWHEYAAGNKPDMIKPVEV
TESA

予測される分子量	143 kDa including tags
領域	1 to 1046
タグ	GST tag N-Terminus

特性

Our **Abpromise guarantee** covers the use of **ab131881** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Western blot
	SDS-PAGE
	ELISA
製品の状態	Liquid

前処理および保存

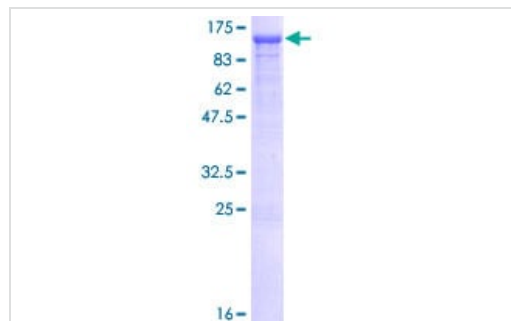
保存方法および安定性	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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関連情報

機能	Addition of nucleotide-activated sugars directly onto the polypeptide through O-glycosidic linkage with the hydroxyl of serine or threonine. Mediates the O-glycosylation of MLL5 and HCFC1. Promotes proteolytic maturation of HCFC1.
組織特異性	Highly expressed in pancreas and to a lesser extent in skeletal muscle, heart, brain and placenta. Present in trace amounts in lung and liver.
パスウェイ	Protein modification; protein glycosylation.
配列類似性	Belongs to the O-GlcNAc transferase family. Contains 13 TPR repeats.

ドメイン	The TPR repeat domain mediates recognition of protein substrates.
翻訳後修飾	Ubiquitinated, leading to its proteasomal degradation.
細胞内局在	Cytoplasm. Nucleus. Mostly in the nucleus.

画像



12.5% SDS-PAGE stained with Coomassie Blue showing ab131881 at approximately 143.3 kDa.

SDS-PAGE - Recombinant Human OGT / O-Linked
N-Acetylglucosamine Transferase protein
(ab131881)

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