

Datasheet for ABIN7607179

OGT Protein (AA 323-1041) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	OGT
Protein Characteristics:	AA 323-1041
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This OGT protein is labelled with His tag.
Application:	SDS-PAGE (SDS), ELISA, Western Blotting (WB), Immunogen (Imm), Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human OGT Protein, C-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its ability to transfer GlcNAc from UDP-GlcNAc to peptide OGT (substrate from AnaSpec, Inc). The specific activity is >25 pmol/min/µg, as measured under the described conditions.

Target Details

Target:	OGT
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Target Details

Alternative Name:	UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit (OGT Products)
Background:	UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit, OGT, O-linked N-acetylglucosamine transferase 110 kDa subunit, O-GlcNAc transferase subunit p110
UniProt:	O15294
Pathways:	Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months