Recombinant O-Linked-N-Acetylglucosamine Transferase (OGT) Instruction Manual

SIPH799Hu01

Homo sapiens (Human)

Source Prokaryotic expression

Host E.coli

Endotoxin Level <1.0EU per 1μg (determined by the LAL method)
Subcellular Location Membrane, Nucleus, Mitochondrion, Cytoplasm

Predicted Molecular Mass 34.6kDa

Accurate Molecular Mass 35kDa(Analysis of differences refer to the manual)

Residues & Tags Ala771~Ala1046 with N-terminal His Tag

Buffer Formulation 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA,

1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Traits Freeze-dried powder

Purity > 90% Isoelectric Point 7.4

Applications Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

		ALNMPVIPMN	TIAEAVIEMI	NRGQIQITIN	
GFSISNGLAT	TQINNKAATG	EEVPRTIIVT	TRSQYGLPED	AIVYCNFNQL	
YKIDPSTLQM	WANILKRVPN	SVLWLLRFPA	VGEPNIQQYA	QNMGLPQNRI	
IFSPVAPKEE	HVRRGQLADV	CLDTPLCNGH	TTGMDVLWAG	TPMVTMPGET	
LASRVAASQL	TCLGCLELIA	KNRQEYEDIA	VKLGTDLEYL	KKVRGKVWKQ	
RISSPLFNTK	OYTMELERLY	LOMWEHYAAG	NKPDHMIKPV	EVTESA	

USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image

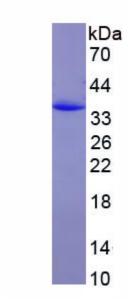


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.