

RPG932Hu01 100µg

Recombinant UDP Glucuronosyltransferase 2 Family, Polypeptide B7 (UGT2B7)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression.

Host: *E. coli*

Residues: Glu42~Ala419

Tags: N-terminal His-Tag

Tissue Specificity: Brain, Liver.

Subcellular Location: Endoplasmic reticulum membrane; Single-pass membrane protein.

Purity: >95%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.

Original Concentration: 200µg/mL

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

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 5.1

Predicted Molecular Mass: 43.2kDa

Accurate Molecular Mass: 43kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

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

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: 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.

[SEQUENCE]

				EQQVPLVLW
SSDRDLWAPA	ADTHEGHITS	DLQLSTYLDP	ALELGPRNVL	LFLQDKLSIE
DFTAYGGVFG	NKQDSAFSNL	ENALDLAPSS	LVLPAVDWYA	VSTLTTYLQE
KLASPLHVD	LATLRELKLN	ASLPALLLIR	LPYTASSGLM	APREVLTGND
EVIGQVLSTL	KSEDPVYTAA	LTAVRPSRVA	RDVAVVAGGL	GRQLLQKQPV
SPVIHPPVSY	NDTAPRILFW	AQNFSVAYKD	QWEDLTPLTF	GVQELNLTGS
FWNDSFARLS	LTYERLFGTT	VTFKFILANR	LYPVSARHWF	TMERLEVHSN
GSVAYFNASQ	VTGPSIYSFH	CEYVSSLSKK	GSLLVARTQP	SPWQMMLQDF
QIQAFNVMGE	QFSYASDCA			

[IDENTIFICATION]

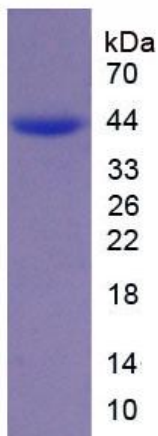


Figure 1. SDS-PAGE