

Recombinant Human UGT1A4 293 Cell Lysate

Cat. No. UGT1A4-512HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for UDP glucuronosyltransferase 1 family, polypeptide A4 (UGT1A4) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name UGT1A4 UDP glucuronosyltransferase 1 family, polypeptide A4 [Homo sapiens]

Official Symbol UGT1A4

Synonyms UGT1A4; UDP glucuronosyltransferase 1 family, polypeptide A4; UDP glycosyltransferase 1 family, polypeptide A4; UDP-glucuronosyltransferase 1-4; HUG BR2; UGT1D; UDP-glucuronosyltransferase 1-D; UDP-glucuronosyltransferase 1A4; bilirubin-specific UDPGT isozyme 2; bilirubin UDP-glucuronosyltransferase isozyme 2; UDPGT; UGT-1D; UGT1.4; HUG-BR2; UGT1-04; UDPGT 1-4;

Gene ID 54657

mRNA Refseq NM_007120

Protein Refseq NP_009051

MIM 606429

UniProt ID P22310

Chromosome Location 2q37

Pathway Arylamine metabolism, organism-specific biosystem; Ascorbate and aldarate metabolism, organism-specific biosystem; Ascorbate and aldarate metabolism,

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conserved biosystem; Ascorbate biosynthesis, animals, glucose-1P =>ascorbate,
organism-specific biosystem; Ascorbate biosynthesis, animals, glucose-1P =>
ascorbate, conserved biosystem;

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