Recombinant Human UGT1A9 293 Cell Lysate

Cat. No. UGT1A9-510HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for UDP glucuronosyltransferase 1 family, polypeptide A9 (UGT1A9) 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	UGT1A9 UDP glucuronosyltransferase 1 family, polypeptide A9 [Homo sapiens]
Official Symbol	UGT1A9
Synonyms	UGT1A9; UDP glucuronosyltransferase 1 family, polypeptide A9; UDP glycosyltransferase 1 family, polypeptide A9; UDP-glucuronosyltransferase 1-9; HLUGP4; LUGP4; UGT1AI; UDP-glucuronosyltransferase 1-I; UDP-glucuronosyltransferase 1A9; UDPGT; UGT1I; UGT-1I; UGT1-9; UGT1.9; UGT1-09; UDPGT 1-9;
Gene ID	54600
mRNA Refseq	NM_021027
Protein Refseq	NP_066307
MIM	606434
UniProt ID	O60656
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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