

UDP-glucuronosyltransferase 1-4 (UGT1A4) Recombinant Protein | UGT1A4 recombinant protein

Recombinant Human UDP-glucuronosyltransferase 1-4 (UGT1A4)

CATALOG # AAA113210	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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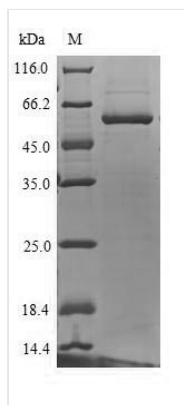
PRODUCT SYNONYMS

UDP-glucuronosyltransferase 1-4 (UGT1A4); Recombinant Human UDP-glucuronosyltransferase 1-4 (UGT1A4); Recombinant UDP-glucuronosyltransferase 1-4 (UGT1A4); UDP-glucuronosyltransferase 1-4; UDPGT 1-4; UGT1*4; UGT1-04; UGT1.4 EC= 2.4.1.17; Bilirubin-specific UDPGT isozyme 2; hUG-BR2 UDP-glucuronosyltransferase 1-D; UGT-1D; UGT1D UDP-glucuronosyltransferase; UGT1A4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	29-534aa; Full Length of Mature Protein
Sequence	GKVLVPTDG SPWLSMREAL RELHARGHQA VVLTPEVNMH IKEEKFFTLT AYAVPWTQKE FDRVTLGYTQ GFFETEHLK RYSRSM AIMN NVSLALHRCC VELLHNEALI RHLNATSF DV VLTDPVNLCG AVLAKYLSIP AVFFWRYIPC DLDFKGTQCP NPSSYIPKLL TTNSDHMTFL QRVKNMPLYPL ALSYICHTFS APYASLASEL FQREVSVDL VSYASVWLF R GDFVMDYPRP IMPNMVFIGG INCANGKPLS QEFEAYINAS GEHGIVVFSL GSMVSEIPEK KAMAIADALG KIPQTVLWRY TGTRPSNLN NTILVKWLPQ NDLLGHPMTR AFITHAGSHG VYESICNGVP MVMMPLFGDQ MDNAKRMETK GAGVTLNVLE MTSEDLENAL KAVINDKSYK ENIMRLSSLH KDRPVEPLDL AVFWVEFVMR HKGAPHLRPA AHDLTWYQYH SLDVIGFLLA VVLTVAFITF KCCAYGYRKC LGKKGRVKKA HKSKTH
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for UGT1A4 recombinant protein	UDPGT is of major importance in the conjugation and subsequent elimination of potentially toxic xenobiotics and endogenous compounds. This isoform glucuronidates bilirubin IX-alpha to form both the IX-alpha-C8 and IX-alpha-C12 monoconjugates and diconjugate. Isoform 2 lacks transferase activity but acts as a negative regulator of isoform 1 (By similarity).
Product Categories/Family for UGT1A4 recombinant protein	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	6005930
NCBI GeneID	54657
NCBI Accession #	NP_009051.1
NCBI GenBank Nucleotide #	NM_007120.2
UniProt Accession #	P22310; Q5DT00; B2R937
Molecular Weight	61 kDa
NCBI Official Full Name	UDP-glucuronosyltransferase 1-4
NCBI Official Synonym Full Names	UDP glucuronosyltransferase 1 family, polypeptide A4
NCBI Official Symbol	UGT1A4
NCBI Official Synonym Symbols	UDPGT; UGT1D; UGT-1D; UGT1.4; HUG-BR2; UGT1-04; UDPGT 1-4
NCBI Protein Information	UDP-glucuronosyltransferase 1-4; UDP-glucuronosyltransferase 1-D; UDP-glucuronosyltransferase 1A4; bilirubin-specific UDPGT isozyme 2; bilirubin UDP-glucuronosyltransferase isozyme 2; UDP glycosyltransferase 1 family, polypeptide A4
UniProt Protein Name	UDP-glucuronosyltransferase 1-4
UniProt Gene Name	UGT1A4
UniProt Synonym Gene Names	GNT1; UGT1; UDPGT 1-4; UGT1*4; UGT1-04; UGT1.4; hUG-BR2; UGT-1D; UGT1D
UniProt Entry Name	UD14_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.