

Product datasheet for PH315344

UGT2B15 (NM_001076) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	UGT2B15 MS Standard C13 and N15-labeled recombinant protein (NP_001067)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215344
Predicted MW:	60.9 kDa
Protein Sequence:	>RC215344 representing NM_001076 Red=Cloning site Green=Tags(s)

MSLKWTSVFLLIQLSCYFSSGSCGKVLVWPTEYSHWINMKTILEELVQRGHEVTVLTSSASTLVNASKSS
AIKLEVYPTSLTKNYLEDSELLKILDRWIYGVSKNTFWSYFSQLQELCWEYYDYSNKLCKDAVLNKKLMMK
LQESKFDVILADALNPCGELLAELFNIPFLYSLRFVSGYTFEKNGGGFLFPPSYVPVVMSELSDQMIFME
RIKNMIHMLYDFWFQIYDLKKWDQFYSEVLGRPTTLFETMGKAEMWLIRTYWDFEFPRPFLPNVDFVGG
LHCKPAKPLPKEMEEFVQSSGENGVVFSLSGSMISNMSEESANMIASALAQIPQKVLWRFDGKPKNTLGS
NTRLKYLWLPQNDLLGHPKTKAFITHGGTNGIYEAIYHGIPMVGIPLFADQHDNIAHMKAKGAALSVDIRT
MSSRDLLNALKSVINDPVYKENVMKLSRIHHDQPMKPLDRAVFWIEFVMRHKGAKHLRVAAHNLTWIQYH
SLDVIAFLLACVATVIFIIITKFCLFCFRKLAKKGGKKKKRD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_001067</u>
RefSeq Size:	2144
RefSeq ORF:	1590



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Synonyms: HLUG4; UDPGT 2B8; UDPGT2B15; UDPGTH3; UGT2B8

Locus ID: 7366

UniProt ID: [P54855](#)

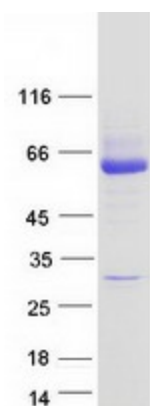
Cytogenetics: 4q13.2

Summary: This gene encodes a glycosyltransferase that is involved in the metabolism and elimination of toxic compounds, both endogenous and of xenobiotic origin. This gene plays a role in the regulation of estrogens and androgens. This locus is present in a cluster of similar genes and pseudogenes on chromosome 4. [provided by RefSeq, Aug 2016]

Protein Families: Transmembrane

Protein Pathways: Androgen and estrogen metabolism, Ascorbate and aldarate metabolism, Drug metabolism - cytochrome P450, Drug metabolism - other enzymes, Metabolic pathways, Metabolism of xenobiotics by cytochrome P450, Pentose and glucuronate interconversions, Porphyrin and chlorophyll metabolism, Retinol metabolism, Starch and sucrose metabolism

Product images:



Coomassie blue staining of purified UGT2B15 protein (Cat# [TP315344]). The protein was produced from HEK293T cells transfected with UGT2B15 cDNA clone (Cat# [RC215344]) using MegaTran 2.0 (Cat# [TT210002]).