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Product datasheet for TP508366

Ugt3a2 (NM_144845) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse UDP glycosyltransferases 3 family, polypeptide A2 (Ugt3a2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208366 protein sequence Red=Cloning site Green=Tags(s) MAAHRRWLLMSFLFLEVILLEAAKILTISTLSASHYIVISRVSQVLHEGGHNVTKLLYESANIPDFRKEK PSYQVINWRPPEDQEKKFADLRHRLTEEITYGRSKHHTLLKIHQYFGDLCSQLLSRKDIMDFLKNENFDL VLLDSMDLCSLLIVEKLGKRFVSFLPFQFSYMDFGLPSAPLSYAPVYGSGLTDQMDFWGRVKNFLMFLDF SMKQREILSQYDSTIQEHFVEGSQPVLSDLLLKAELWFVNSDFALDFARPLFPNTVYVGGLLDKPVQPIP QDLENFISQFGDSGFVLVALGSIVSMIQSKEIIKEMNSAFAHLPQGVLWTCKTSHWPKDVSLAPNVKIMD WLPQTDLLAHPSIRLFVTHGGMNSVMEAVHHGVPMVGIPFFFDQPENMVRVEAKNLGVSIQLQTLKAESF ALTMKKIIEDKRYKSAAMASKIIRHSHPLTPAQRLLGWIDHILQTGGAAHLKPYAFQQPWHEQYMLDVFL FLLGLMLGTLWLSVKVLVAVTRYLSIATKVKEA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	59.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_659094

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Locus ID:	223337
UniProt ID:	Q8JZZ0
RefSeq Size:	2196
Cytogenetics:	15 A1
RefSeq ORF:	1572
Synonyms:	AI313915
Summary:	UDP-glucuronosyltransferases catalyze phase II biotransformation reactions in which lipophilic substrates are conjugated with glucuronic acid to increase water solubility and enhance excretion. They are of major importance in the conjugation and subsequent elimination of potentially toxic xenobiotics and endogenous compounds (By similarity). [UniProtKB/Swiss-Prot Function]