

Product datasheet for PH301307

DHRS11 (NM_024308) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DHRS11 MS Standard C13 and N15-labeled recombinant protein (NP_077284)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201307
Predicted MW:	28.3 kDa
Protein Sequence:	>RC201307 protein sequence Red=Cloning site Green=Tags(s) MARPGMERWRDLALVTGASGGIGA AAVARALVQQLKVVGCARTVGNIEELAAECKSAGYPGTLIPYRCD LSNEEDILSMFSAIRSQHSQVDICINNAGLARPDTLLSGSTSGWKDMFNVNLALSICTREAYQSMKERN VDDGHIININSMSGHRVLP LSVTHFY SATKYAVTALTEGLRQELREAQTHIRATCISPGVVETQFAFKLH DKDPEKAAATYEQMKCLKPEDVAEAVIYV LSTPAHIQIGDIQMRPTEQVT TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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:	NP_077284
RefSeq Size:	1608
RefSeq ORF:	780
Synonyms:	ARPG836; SDR24C1; spDHRS11
Locus ID:	79154
UniProt ID:	Q6UWP2 , A0A024R0T1



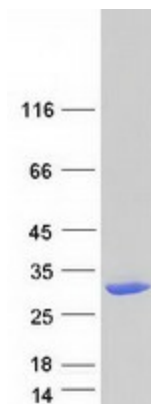
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Cytogenetics: 17q12

Summary: Catalyzes the conversion of the 17-keto group of estrone, 4- and 5-androstenes and 5-alpha-androstanes into their 17-beta-hydroxyl metabolites and the conversion of the 3-keto group of 3-, 3,17- and 3,20- diketosteroids into their 3-hydroxyl metabolites. Exhibits reductive 3-beta-hydroxysteroid dehydrogenase activity toward 5-beta-androstanes, 5-beta-pregnanes, 4-pregnanes and bile acids. May also reduce endogenous and exogenous alpha-dicarbonyl compounds and xenobiotic alicyclic ketones.[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified DHRS11 protein (Cat# [TP301307]). The protein was produced from HEK293T cells transfected with DHRS11 cDNA clone (Cat# [RC201307]) using MegaTran 2.0 (Cat# [TT210002]).