

Product datasheet for PH325390

ASPDH (NM_001114598) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ASPDH MS Standard C13 and N15-labeled recombinant protein (NP_001108070)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC225390
Predicted MW:	29.8 kDa
Protein Sequence:	>RC225390 representing NM_001114598 Red=Cloning site Green=Tags(s)

MADRGPWVRVGVYGRLLGQSLVSRLLAQGPGLGLVFWNRDPGRMAGSVPPSLQLQNLAAALGERRPDL
VVEVAHPKIIHESGAQILRHANLLVGSPSALSDQTTERQLLEASQHWHDHAFVARGALWGAEDIRRLDAA
GGLRSLRVTMATHPDGFRLEGPLAAAHSPGPCTVLYEGPVYRGLCPFAPRNSNTMAAAALAAPSLGFDGVI
GVLVADTSLTDMHVVDVELSGPRGPTGRSFAVHTRRENPAEPGAVTGSATVTAFWQSLACCQLPSRPGI
HLC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

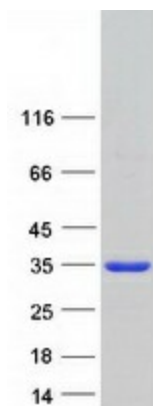
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	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:	NP_001108070
RefSeq ORF:	849
Locus ID:	554235
UniProt ID:	A6ND91
Cytogenetics:	19q13.33



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Summary: Specifically catalyzes the NAD or NADP-dependent dehydrogenation of L-aspartate to iminoaspartate.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified ASPDH protein (Cat# [TP325390]). The protein was produced from HEK293T cells transfected with ASPDH cDNA clone (Cat# [RC225390]) using MegaTran 2.0 (Cat# [TT210002]).