

Product datasheet for PH308108

DMRT1 (NM_021951) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DMRT1 MS Standard C13 and N15-labeled recombinant protein (NP_068770)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208108
Predicted MW:	39.5 kDa
Protein Sequence:	>RC208108 protein sequence Red=Cloning site Green=Tags(s)
	MPNDEAFSKPSTPSEAPHAPGVPPQGRAGGFGKASGALVGAASGSSAGGSSRGGSGSGASDLGAGSKKS PRLPKCARCRNHGYASPLKGHKRFCMWRDCQCKKCNLIAERQVRMAAQVALRRQQAQEEELGISHPIPLP SAAELLVKRENNGSNPCLMTECSGTSQPPPASVPTTAASEGRMVIQDIPAVTSRGHVENTPDLVSDSTYY SSFYQPSLFPYYNNLYNCPQYSMALAADSASGEVGNPLGGSPVKNSLRGLPGPYVPGQTGNQWQMKNMEN RHAMSSQYRMHSYPPPSYLGQSVPPQFFTFEDAPSYPEARASVFSPPSSQDGLVSLSSSSPISNKSTKA VLECEPASEPSSFTVTPVIEEDE
	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_068770
RefSeq Size:	2229
RefSeq ORF:	1119
Synonyms:	CT154; DMT1
Locus ID:	1761



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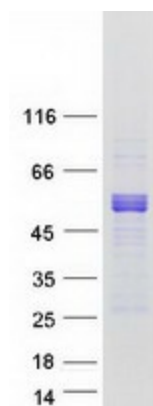
UniProt ID: [Q9Y5R6](#)

Cytogenetics: 9p24.3

Summary: This gene is found in a cluster with two other members of the gene family, having in common a zinc finger-like DNA-binding motif (DM domain). The DM domain is an ancient, conserved component of the vertebrate sex-determining pathway that is also a key regulator of male development in flies and nematodes. This gene exhibits a gonad-specific and sexually dimorphic expression pattern. Defective testicular development and XY feminization occur when this gene is hemizygous. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified DMRT1 protein (Cat# [TP308108]). The protein was produced from HEK293T cells transfected with DMRT1 cDNA clone (Cat# [RC208108]) using MegaTran 2.0 (Cat# [TT210002]).