

Product datasheet for PH300884

AARSD1 (PTGES3L-AARSD1) (NM_025267) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	AARSD1 MS Standard C13 and N15-labeled recombinant protein (NP_079543)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200884
Predicted MW:	58.8 kDa
Protein Sequence:	>RC200884 protein sequence Red=Cloning site Green=Tags(s)

MEFCVEDSTDVHVLIEDHRIVFSCKNADGVELYNEIEFYAKVNSKDSQDKRSSRSITCFVRKWKEKVAWP
RLTKEDIKPVWLSVDFDNWRDWEDEEMELAHVEHYAELLKKVSTKRPPAMPDDLDFTTTVVSCCPAELQ
TEGSNGKKEVLSGFQVVLEDTVLFPEGGGQPDDRGTINDISVLRVTRRGEQADHFTQTPLDPGSQVLVVRV
DWERRFDHMQQHSGQHLITAVADHLFKLKTTSWELGRFRSAIELDTPSMTAEQVAAIEQSVNEKIRDRLP
VNVRELSLDDPEVEQVSGRGLPDDHAGPIRVVNIIEGVDSNMCCGTHVSNLSDLQVIKILGTEKGGKNRTN
LIFLSGNRVLKWEMERSHGTEKALTALLKCGAEDHVEAVKKLQNSTKILQKNNLNLRLDLAVHIAHSLRNS
PDWGGVVILHRKEGDSEFMNIIANEIGSEETLLFLTVGDEKGGGLFLLAGPPASVETLGPVAVLEVLEGGK
AGKKGRFQGGKATKMSRRMEAQALLQDYISTQSAKE

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_079543
RefSeq Size:	1800
RefSeq ORF:	1575



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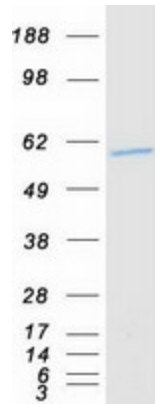
Locus ID: 100885850

UniProt ID: [Q9BTE6](#)

Cytogenetics: 17q21.31

Summary: This locus represents naturally occurring readthrough transcription between the neighboring PTGES3L (prostaglandin E synthase 3 (cytosolic)-like) and AARSD1(alanyl-tRNA synthetase domain containing 1) genes on chromosome 17. The readthrough transcript encodes a fusion protein that shares sequence identity with each individual gene product. [provided by RefSeq, May 2012]

Product images:



Coomassie blue staining of purified PTGES3L-AARSD1 protein (Cat# [TP300884]). The protein was produced from HEK293T cells transfected with PTGES3L-AARSD1 cDNA clone (Cat# [RC200884]) using MegaTran 2.0 (Cat# [TT210002]).