

Recombinant Human PTGES3L-AARSD1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PTGES3L-AARSD1-928H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	AARSD1 MS Standard C13 and N15-labeled recombinant protein (NP_079543) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	58.8 kDa
AA Sequence	MEFCVEDSTDVHVLIEDHRIVFSCKNADGVELYNEIEFYAKVNSKDSQDKRSSRSITC FVRKWKEKVAWPRLTKEDIKPVWLSVDFDNWRDWEGDEEMELAHVEHYAELLKKV STKRPPPAMDDLDFTTTVVSCCPAELQTEGSNGKKEVLSGFQVVLEDTVLFPEGGG QPDDRGTINDISVLRVTRRGEQADHFTQTPLDPGSQVLVRVDWERRFDHMQQHSG QHLITAVADHLFLKLTTSWELGRFRSAIELDTPSMTAEQVAAIEQSVNEKIRDRLPVN VRELSLDDPEVEQVSGRGLPDDHAGPIRVVNIEGVDSNMCCGTHVSNLSDLQVIKIL GTEKGKKNRTNLIFLSGNRVLKWMERSHGTEKALTALLKCGAEDHVEAVKKLQNST KILQKNNLNLRLDLAVHIAHSLRNSPDWGGVVILHRKEGDSEFMNIIANEIGSEETLLF

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	LTVGDEKGGGLFLLAGPPASVETLGPRVAEVLEGKGAGKKGRFQGKATKMSRME AQALLQDYISTQSAKETRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PTGES3L-AARSD1 PTGES3L-AARSD1 readthrough [Homo sapiens (human)]
Official Symbol	PTGES3L-AARSD1
Synonyms	PTGES3L-AARSD1; PTGES3L-AARSD1 readthrough; PTGES3L-AARSD1 protein
Gene ID	100885850
mRNA Refseq	NM_025267
Protein Refseq	NP_079543
UniProt ID	Q9BTE6

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SDS-PAGE

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