

Product datasheet for PH301759

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

DDX39 (DDX39A) (NM_005804) Human Mass Spec Standard

Product data:

Product Type: Mass Spec Standards

Description: DDX39 MS Standard C13 and N15-labeled recombinant protein (NP_005795)

Species:HumanExpression Host:HEK293

Expression cDNA Clone

or AA Sequence:

RC201759

Predicted MW: 49.1 kDa

Protein Sequence: >RC201759 protein sequence

Red=Cloning site Green=Tags(s)

MAEQDVENDLLDYDEEEEPQAPQESTPAPPKKDIKGSYVSIHSSGFRDFLLKPELLRAIVDCGFEHPSEV QHECIPQAILGMDVLCQAKSGMGKTAVFVLATLQQIEPVNGQVTVLVMCHTRELAFQISKEYERFSKYMP SVKVSVFFGGLSIKKDEEVLKKNCPHVVVGTPGRILALVRNRSFSLKNVKHFVLDECDKMLEQLDMRRDV QEIFRLTPHEKQCMMFSATLSKDIRPVCRKFMQDPMEVFVDDETKLTLHGLQQYYVKLKDSEKNRKLFDL LDVLEFNQVIIFVKSVQRCMALAQLLVEQNFPAIAIHRGMAQEERLSRYQQFKDFQRRILVATNLFGRGM DIERVNIVFNYDMPEDSDTYLHRVARAGRFGTKGLAITFVSDENDAKILNDVQDRFEVNVAELPEEIDIS

TYIEQSR

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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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 005795

RefSeq Size: 1558 RefSeq ORF: 1281

Synonyms: BAT1; BAT1L; DDX39; DDXL; URH49





Locus ID: 10212

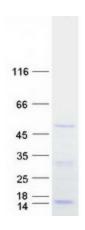
 UniProt ID:
 000148

 Cytogenetics:
 19p13.12

Summary: This gene encodes a member of the DEAD box protein family. These proteins are

characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD) and are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure, such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of the DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene is thought to play a role in the prognosis of patients with gastrointestinal stromal tumors. A pseudogene of this gene is present on chromosome 13. Alternate splicing results in multiple transcript variants. Additional alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known. [provided by RefSeq, Sep 2013]

Product images:



Coomassie blue staining of purified DDX39A protein (Cat# [TP301759]). The protein was produced from HEK293T cells transfected with DDX39A cDNA clone (Cat# [RC201759]) using MegaTran 2.0 (Cat# [TT210002]).