Datasheet for ABIN2722904

HNRNPA1 Protein (Transcript Variant 1) (Myc-DYKDDDDK Tag)

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Overview

Quantity:	20 µg
Target:	HNRNPA1
Protein Characteristics:	Transcript Variant 1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HNRNPA1 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	• Recombinant human hnRNP core protein A1 / HNRNPA1 (transcript variant 1) protein expressed in HEK293 cells. • Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	HNRNPA1
Alternative Name:	Hnrnp Core Protein a1,hnrnpa1 (HNRNPA1 Products)
Background:	This gene encodes a member of a family of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs), which are RNA-binding proteins that associate with pre-mRNAs in the nucleus and influence pre-mRNA processing, as well as other aspects of mRNA

Target Details

	metabolism and transport. The protein encoded by this gene is one of the most abundant core proteins of hnRNP complexes and plays a key role in the regulation of alternative splicing. Mutations in this gene have been observed in individuals with amyotrophic lateral sclerosis 20. Multiple alternatively spliced transcript variants have been found. There are numerous pseudogenes of this gene distributed throughout the genome.
Molecular Weight:	34 kDa
NCBI Accession:	NP_002127

Application Details

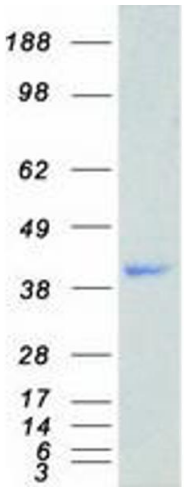
Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

Handling

Concentration:	50 µg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Publications

Product cited in:	Griesbeck, Ziegler, Laffont, Smith, Chauveau, Tomezsko, Sharei, Kourjian, Porichis, Hart, Palmer, Sirignano, Beisel, Hildebrandt, Cénac, Villani, Diefenbach, Le Gall, Schwartz, Herbeuval, Autran et al.: "Sex Differences in Plasmacytoid Dendritic Cell Levels of IRF5 Drive Higher IFN-α Production in Women. ..." in: **Journal of immunology (Baltimore, Md. : 1950)**, Vol. 195, Issue 11, pp. 5327-36, (2015) (PubMed).



Western Blotting

Image 1. Validation with Western Blot

