Datasheet for ABIN2720598

EWSR1 Protein (Transcript Variant EWS) (Myc-DYKDDDDK Tag)

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Overview

Quantity:	20 µg
Target:	EWSR1
Protein Characteristics:	Transcript Variant EWS
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EWSR1 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	• Recombinant human EWSR1 (transcript variant EWS) 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:	EWSR1
Alternative Name:	Ewsr1 (EWSR1 Products)
Background:	This gene encodes a multifunctional protein that is involved in various cellular processes, including gene expression, cell signaling, and RNA processing and transport. The protein includes an N-terminal transcriptional activation domain and a C-terminal RNA-binding domain. Chromosomal translocations between this gene and various genes encoding transcription

Target Details

	factors result in the production of chimeric proteins that are involved in tumorigenesis. These chimeric proteins usually consist of the N-terminal transcriptional activation domain of this protein fused to the C-terminal DNA-binding domain of the transcription factor protein. Mutations in this gene, specifically a t(1122)(q24q12) translocation, are known to cause Ewing sarcoma as well as neuroectodermal and various other tumors. Alternative splicing of this gene results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 1 and 14.
Molecular Weight:	68.3 kDa
NCBI Accession:	NP_005234

Application Details

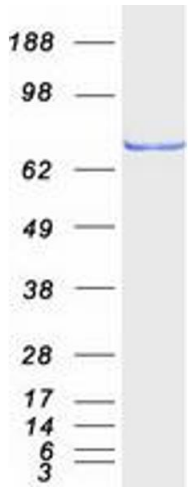
Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

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:	Altmeyer, Neelsen, Teloni, Pozdnyakova, Pellegrino, Grøfte, Rask, Streicher, Jungmichel, Nielsen, Lukas: "Liquid demixing of intrinsically disordered proteins is seeded by poly(ADP-ribose)." in: **Nature communications**, Vol. 6, pp. 8088, (2015) (PubMed).



Western Blotting

Image 1. Validation with Western Blot