

Datasheet for ABIN2721461

FUS Protein (Myc-DYKDDDDK Tag)**1** Image**5** Publications[Go to Product page](#)

Overview

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

Product Details

Characteristics:	<ul style="list-style-type: none">• Recombinant human Fusion (involved in t(12,16) in malignant liposarcoma) (FUS) 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:	FUS
Alternative Name:	Fusion (Involved in T(12,16) in Malignant Liposarcoma) (Fus) (FUS Products)
Target Type:	Viral Protein
Background:	This gene encodes a multifunctional protein component of the heterogeneous nuclear ribonucleoprotein (hnRNP) complex. The hnRNP complex is involved in pre-mRNA splicing and the export of fully processed mRNA to the cytoplasm. This protein belongs to the FET family of

Target Details

RNA-binding proteins which have been implicated in cellular processes that include regulation of gene expression, maintenance of genomic integrity and mRNA/microRNA processing. Alternative splicing results in multiple transcript variants. Defects in this gene result in amyotrophic lateral sclerosis type 6.

Molecular Weight: 53.2 kDa

NCBI Accession: [NP_004951](#)

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

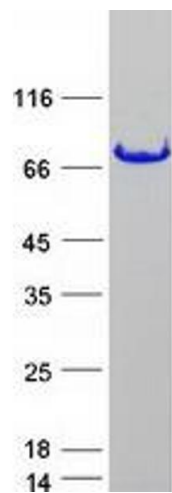
Buffer: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

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: Colombo, Pagliarani, Testolin, Salsano, Napoli, Bordoni, Salani, DAdda, Morandi, Farina, Magri, Riva, Prella, Sciacco, Comi, Moggio: "Adult polyglucosan body disease: clinical and histological heterogeneity of a large Italian family." in: **Neuromuscular disorders : NMD**, Vol. 25, Issue 5, pp. 423-8, (2015) ([PubMed](#)).



Western Blotting

Image 1. Validation with Western Blot