

Datasheet for ABIN2719940

eEF1A1 Protein (Myc-DYKDDDDK Tag)**1** Image**2** Publications[Go to Product page](#)

Overview

Quantity:	20 µg
Target:	eEF1A1 (EEF1A1)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This eEF1A1 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	<ul style="list-style-type: none">• Recombinant human EEF1A1 / LENG7 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:	eEF1A1 (EEF1A1)
Alternative Name:	Eef1a1, leng7 (EEF1A1 Products)
Background:	This gene encodes an isoform of the alpha subunit of the elongation factor-1 complex, which is responsible for the enzymatic delivery of aminoacyl tRNAs to the ribosome. This isoform (alpha 1) is expressed in brain, placenta, lung, liver, kidney, and pancreas, and the other isoform (alpha 2) is expressed in brain, heart and skeletal muscle. This isoform is identified as an autoantigen in 66 % of patients with Felty syndrome. This gene has been found to have multiple copies on

Target Details

many chromosomes, some of which, if not all, represent different pseudogenes.

Molecular Weight: 50 kDa

NCBI Accession: [NP_001393](#)

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.

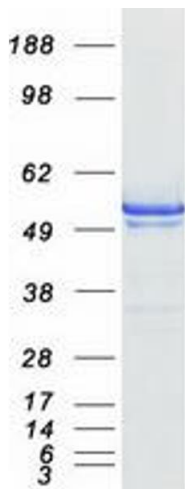
Storage: -80 °C

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: Sun, Wu, Cai, Wang, Liu, Blot, Shu, Cai: "A prospective study of autoantibodies to Ezrin and pancreatic cancer risk." in: **Cancer causes & control : CCC**, Vol. 27, Issue 6, pp. 831-5, (2016) ([PubMed](#)).

Miyaji, Shahrizaila, Umapathi, Chan, Hirata, Yuki: "Are ERM (ezrin/radixin/moesin) proteins targets for autoantibodies in demyelinating neuropathies?" in: **Human immunology**, Vol. 75, Issue 11, pp. 1089-91, (2015) ([PubMed](#)).



Western Blotting

Image 1. Validation with Western Blot