

Datasheet for ABIN7564393  
**EMSY Protein (AA 1-1264) (His tag)**



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## Overview

Quantity:	1 mg
Target:	EMSY (C11orf30)
Protein Characteristics:	AA 1-1264
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EMSY protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat Emsy Protein expressed in mammalien cells.
Sequence:	MPVWVPTLLD LSRDECKRIL RKLELEAYAG VISALRAQGD LTKEKKDLLG ELSKVLSIST ERHRAEVRRA VNDERLTTIA HKMNLSTLYLG ERPSYSMSGP NSSSEWSIEG RRLVPLMPRL VPQTAFTVTA NAVANA AVQH NASLPVPAET ASKDGVSCSD EDEKPRKRRR TNSSSSSPVV LKEVPKAVVP VSKTITVPVS GSPKMSNIMQ SIANSLPPHM SPVKITFTKP STQTTNTTTQ KVIIVTTPS STFVPNILSK SHNYAAVTKL VPTSVIASST QKPPVITAS QASLVTSSSN GNSSSTSSPI SSTVAVTTVV SSTPSVVMST VAQGVSTSAI KVASTRLPSP KSLVSGPTQI LAQFPKQHQQ SPKQQLQQVQ QQTQPVAQP SSVSQQQPQ QSALPPGIKP TIQIKQESGV KIITQVQPS KILPKPVTAT LPTSSNSPIM VVSSNGAIMT TKLVTTPTGT QATYTRPTVS PSLGRVATTP GAATYVKTTT GSIIIVPKS LATLGGKIIS SNIVSGTTK ITTIPMTSKP NVIVVQKTTG KGTTIQGLPG KNVVTTLLNA GGEKTLQTVP AGAKPAIITA TRPITKMIVT QPKGIGSAVQ PAAKIIPTKI VYGQQGKTQV LIKPKPVTFQ ATWSEQTRQ LVTETLQQAS

RVADASNSSA QEGKEEPQGY TDSSSSSTES SQSSQDSQPV VHVIASRRQD WSEHEIAMET  
SPTIYQDVS SESQSATSTI KALLELQOTT VKEKLESKPR QPTIDLSQMA VPIQMTQEKR  
HSPEPSIAV VESELVAEYI TTVSHRSQPQ QPSQPQRTLL QHVAQSQTAT QTSVWVKSIP  
ASSPGAITHI MQQALSSHTA FTKHSEELGT EEEGEVEEMDT LDPQTGLFYR SALTQSQSTK  
QQKLSQPQLE QTQLQVKTLQ CFQTKQKQTI HLQADQLQHK LTQMPQLSIR HQKLNPLQQE  
QAQPKPDAQH TQHTVVAKDR QLPTLMAQPP QTVVQVLAVK TTQQLPKLQQ APNQPKIYVQ  
PQTPQSQMAL PSSEKQPASQ VEQPIITQGS SVTKITFEGR QPPTVTKITG GSSVPKLTSP  
VTSISPIQAS EKTAVSDILQ MSLMEAQIDT NVEHMMVDDPP KKALATNVLT GEAGALPSTH  
VVGAMTKCR ESCSSPSAVG PPLTTRKIEA AGVPTTGQFM RIQNVGQKKA EESPTIIIQ  
AIPQYAIPCH SSSNVVVEPS GLLELNNFTS QQLDDDETAM EQDIDSSTED GTEPSPSQSA VERS

**Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary.**

**In case you have a special request, please contact us.**

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### Characteristics:

#### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

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### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

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### Grade:

custom-made

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## Target Details

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### Target:

EMSY (C11orf30)

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### Alternative Name:

Emsy ([C11orf30 Products](#))

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## Target Details

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Background: BRCA2-interacting transcriptional repressor EMSY,FUNCTION: Regulator which is able to repress transcription, possibly via its interaction with a multiprotein chromatin remodeling complex that modifies the chromatin (By similarity). Its interaction with BRCA2 suggests that it may play a central role in the DNA repair function of BRCA2 (By similarity). Mediates ligand-dependent transcriptional activation by nuclear hormone receptors (By similarity). {ECO:0000250|UniProtKB:Q7Z589}.

Molecular Weight: 135.3 kDa

UniProt: [Q8BMB0](#)

## Application Details

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Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months