

Datasheet for ABIN7553786  
**EMSY Protein (AA 1-1322) (His tag)**



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## Overview

Quantity:	1 mg
Target:	EMSY (C11orf30)
Protein Characteristics:	AA 1-1322
Origin:	Human
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 HNMSGPNSSS EWSIEGRRLV PLMPRLVPQT AFTVTANAVA NAAIQHNASL PVPAETGSKE VVCYSYTTT STPTSTPVPS GSIATVKSPR PASPASNVVV LPSGSTVYVK SVSCSDEDEK PRKRRRTNSS SSSPVVLKEV PKAVVPVSKT ITVPVSGSPK MSNIMQSIAN SLPPHMSPVK ITFTKPSTQT TTTTTQKVII VTTSPSSTFV PNILSKSHNY AAVTKLVPTS VIASSTQKPP VITASQSSL VSNSSSGSSS STPSPIPNTV AVTAVVSSTP SVVMSTVAQG VSTSAIKMAS TRLPSPKSLV SAPTQILAQF PKQHQQSPKQ QLYQVQQQTQ QQVAQPSPVS HQQQPQSPL PPGIKPTIQI KQESGVKIIT QQVQPSKILP KPVATLPTS SNSPIMVVSS NGAIMTTKLV TTPTGTQATY TRPTVPSIG RMAATPGAAT YVKTTSGSII TVVPKSLATL GGKIISNIV SGTTKITTI PMTSKPNVIV VQKTTGKGTI IQGLPGKNVV TTLLNAGGEK TIQTVPTGAK PAILTATRPI TKMIVTQPKG IGSTVQPAAK IIPTKIVYGQ

QGKTQVLIKP KPVTFQATV SEQTRQLVTE TLQQASRVAE AGNSSIQEGK EEPQNYTDSS  
SSSTESSQSS QDSQPVVHVI ASRRQDWSEH EIAMETSPTI IYQDVSSSEQ SATSTIKALL  
ELQTTVKEK LESKPRQPTI DLSQMAVPIQ MTQEKRHSPE SPSIAVVESE LVAEYITTER  
TDEGTEVAFP LLVSHRSQPQ QPSQPQRTLL QHVAQSQTAT QTSVWVKSIP ASSPGAITHI  
MQQALSSHTA FTKHSEELGT EEEVEEMDT LDPQTGLFYR SALTQSQSAK QKLSQPPL  
QTQLQVKTQ CFQTKKQTI HLQADQLQHK LPQMPQLSIR HQKLTPQQE QAQPKPDVQH  
TQHPMVAKDR QLPTLMAQPP QTVVQVLAVK TTQQLPKLQQ APNQPKIYVQ PQTPQSQMSL  
PASSEKQTAS QVEQPIITQG SSVTKITFEG RQPPTVTKIT GGSSVPKLT S PVT SISP IQA  
SEKTAVSDIL KMSLMQAQID TNVEHMIVDP PKKALATSML TGEAGSLPST HMVVAGMANS  
TPQQQKGRES CSSPSTVGSS LTTRKIDPPA VPATGQFMRI QNVGQKKAEE SPAEIIIQAI  
PQYAIPCHSS SNVVVEPSGL LELNNFTSQQ LDDEETAMEQ DIDSSTEDGT EPSPSQSSAE RS

**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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## Target Details

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Alternative Name: EMSY ([C11orf30 Products](#))

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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 (PubMed:14651845). Its interaction with BRCA2 suggests that it may play a central role in the DNA repair function of BRCA2 (PubMed:14651845). Mediates ligand-dependent transcriptional activation by nuclear hormone receptors (PubMed:19131338). {ECO:0000269|PubMed:14651845, ECO:0000269|PubMed:19131338}.

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Molecular Weight: 141.5 kDa

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UniProt: [Q7Z589](#)

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## 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.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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