

Datasheet for ABIN7547014
DDI1 Protein (AA 1-396) (His tag)



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Overview

Quantity:	1 mg
Target:	DDI1
Protein Characteristics:	AA 1-396
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DDI1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat DDI1 Protein expressed in mammalien cells.
Sequence:	MLITVYCVRR DLSEVTFSLQ VSPDFELRNF KVLCEAESRV PVEEQIIHM ERLIEDHCS LGSYGLKDG IVLLQKDNV GPRAPGRAPN QPRVDFSGIA VPGTSSSRPQ HPGQQQRTTP AAQRSQGLAS GEKVAGLQGL GSPALIRSM LSNPHDLSLL KERNPPLAEA LLSGSLETFS QVLMEQQREK ALREQERLRL YTADPLDREA QAKIEEEIRQ QNIEENMNIA IEEAPESFGQ VTMLYINCKV NGHPLKAFVD SGAQMTIMSQ ACAERCNIMR LVDRRWAGVA KGVGTQRIIG RVHLAQIQIE GDFLQCSFSI LEDQPM DMLL GLDMLRRHQ C SIDLKKNVLV IGTTGTQTYF LPEGELPLCS RMVSGQDESS DKEITHSVMD SGRKEH 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.
Characteristics:	Key Benefits:

Product Details

- 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.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	DDI1
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Alternative Name:	DDI1 (DDI1 Products)
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Background:	Protein DDI1 homolog 1 (EC 3.4.23.-),FUNCTION: Probable aspartic protease (Probable). Seems to act as a proteasomal shuttle which links the proteasome and replication fork proteins like RTF2 (Probable). Required, with DDI2, for cellular survival following replication stress. Together or redundantly with DDI2, removes RTF2 from stalled forks to allow cell cycle progression after replication stress and maintains genome integrity (PubMed:29290612). {ECO:0000269 PubMed:29290612, ECO:0000305 PubMed:21266539, ECO:0000305 PubMed:29290612}.
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Molecular Weight:	44.1 kDa
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UniProt:	Q8WTU0
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Application Details

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
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Application Details

guarantee though.

Restrictions: For Research Use only

Handling

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