

Datasheet for ABIN7547207  
**DONSON Protein (AA 1-566) (His tag)**



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## Overview

Quantity:	1 mg
Target:	DONSON
Protein Characteristics:	AA 1-566
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DONSON protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant DONSON Protein expressed in mammalian cells.
Sequence:	<p>MALSVPGYSP GFRKPPEVVR LRRKRARSRG AAASPPRELT EPAARRAALV AGLPLRPFPA AGGRGGGSGG GPAAARRNPF ARLDNRPRVA AEPPDGPARE QEAPVPFLD SNQENDLLWE EKFPERTTVT ELPQTSHVSF SEPDIPSSKS TELPVDWSIK TRLLFTSSQP FTWADHLKAQ EEAQLVQHC RATEVTLPKS IQDPKLSSEL RCTFQQSLIY WLHPALSWLP LFPRIGADRK MAGKTSPWSN DATLQHVLMs DWSVSFTSLY NLLKTKLCPY FYVCTYQFTV LFRAAGLAGS DLITALISPT TRGLREAMRN EGIEFSLPLI KESGHKKETA SGTSLGYGEE QAISDEDEEE SFSWLEEMGV QDKIKKPDIL SIKLRKEKHE VQMDHRPESV VLVKGINTFT LLNFLINSKS LVATSGPQAG LPPTLLSPVA FRGATMQMLK ARSVNVKTQA LSGYRDQFSL EITGPIMPFS LHSLTMLLKS SQSGSFSAVL YPHEPTAVFN ICLQMDKVL DMEVHKELTN CGLHPNTLEQ LSQIPLLKGS SLRNVVLRDY IYNWRS</p> <p><b>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.</b></p>

## Product Details

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**Specificity:** If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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**Grade:** custom-made

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## Target Details

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**Target:** DONSON

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**Alternative Name:** DONSON ([DONSON Products](#))

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**Background:** Protein downstream neighbor of Son (B17),FUNCTION: Replisome component that maintains genome stability by protecting stalled or damaged replication forks. After the induction of replication stress, required for the stabilization of stalled replication forks, the efficient activation of the intra-S-phase and G/2M cell-cycle checkpoints and the maintenance of genome stability. {ECO:0000269|PubMed:28191891}.

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**Molecular Weight:** 62.7 kDa

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**UniProt:** [Q9NYP3](#)

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## Application Details

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**Application Notes:** We expect the protein to work for functional studies. As the protein has not been tested for

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## Application Details

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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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