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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ELAC2 (Human) Recombinant Protein (P01)

Catalog Number: H00060528-P01

Regulation Status: For research use only (RUO)

Product Description: Human ELAC2 full-length ORF (NP_060597.3, 1 a.a. - 826 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MWALCSLLRSAAGRTMSQGRTISQAPARRERPRKDP
LRHLRTREKRGPSGCSGGPNTVYLQVVAAGSRDSGA
ALYVFSEFNRYLFNCGEGVQRLMQEHKLKVARLDNIFL
TRMHSNVGGLSGMILTLKETGLPKCVLSGPPQLEKY
LEAIKIFSGPLKGIELAVRPHSAPEYEDETMTVYQIPIHS
EQRRGKHQPWQSPERPLSRLSPERSSDSELNENEPH
LPHGVSQRRGVRDSSLVAFICKLHLKRGNFVLKAKE
MGLPVGTAIIPIIAAVKDGKSITHEGREILAEELCTPPD
PGAAFVVVECPDESFIQPICENATFQRYQGKADAPVAL
VVHMAPASVLVDSRYQQWMERFGPDTQHLVLNENCA
SVHNLRSHKIQTQLNLIHPDIFPLLSFRCKKEGPTLSV
PMVQGECLLKYQLRPRREWQRDAIITCNPEEFIVEALQ
LPNFQQSVQEYRRSAQDGPAPAEKRSQYPEIIFLGTG
SAIPMKIRNVSATLVNISPDTSLLLDCGEGTFGQLCRHY
GDQVDRVLGTAAVVFVSHLHADHHTGLPSILLQRRERL
ASLGKPLHPLLVPAPNQLKAWLQQYHNQCQEVLHHIS
MIPAKCLQEGAEISSPAVERLISSLLRRTCDLEEFQTCLV
RHCKHAFGCALVHTSGWKVVYSGDTMPCEALVRMGK
DATLLIHEATLEDGLEEEAVEKTHSTTSQAISVGMRMN
AEFIMLNHFSQRYAKVPLFSPNFSEKVGVAFDHMKVC
FGDFPTMPKLIPPLKALFAGDIEEMEERREKRELQRVR
AALLSRELAGGLEDGEPQQKRAHTEEPQAKKVRAQ

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 118.6

Interspecies Antigen Sequence: Mouse (81); Rat (81)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 60528

Gene Symbol: ELAC2

Gene Alias: ELC2, FLJ10530, FLJ36693, FLJ42848, HPC2

Gene Summary: The protein encoded by this gene has a C-terminal domain with tRNA 3' trailer; processing endoribonuclease activity, which catalyzes the removal of the 3' trailer from precursor tRNAs. The protein also interacts with activated Smad family member 2 (Smad2) and its nuclear partner forkhead box H1 (also known as FAST-1), and reduced expression can suppress transforming growth factor-beta induced growth arrest. Mutations in this gene result in an increased risk of prostate cancer. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]