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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SART1 (Human) Recombinant Protein (P01)

Catalog Number: H00009092-P01

Regulation Status: For research use only (RUO)

Product Description: Human SART1 full-length ORF (NP_005137.1, 1 a.a. - 800 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MGSSKKHRGEKEAAGTTAAAGTGGATEQPPRHREHK
KHKHRSGGSGGGGERRKRSRERGGGERGSGRRGAE
AEARSSTHGRERSQAEPSESRVVKREKRDDGYEAAAS
SKTSSGDASSLSIEETNKLRAKLGKPLEVNAIKKEAGT
KEEPVTADVINPMALRQREELREKLAAAKEKRLLNQKL
GKIKTLGEDDPWLDDTAAWIERSRQLQKEKDLAEKRA
KLLLEMDQEFVSTLVEEEFGQRRQDLYSARDLQGLT
VEHAIDSFREGETMILTLDKGVLQEEEDVLVNVNLVD
KERAENVELRKKKPDYLPYAEDSVDDLQKQKPRSIL
SKYDEELEGERPHSFRLEQGGTADGLRERELEEIRAK
LRLQAQSLSTVGPRLASEYLTPEEMVTFKTKRRVKKI
RKKEKEVVVRADDLLPLGDQTQDGFSGSRLRGRGR
RVSEVEEEKEPVPQPLPSDDTRVENMDISDEEEGGAP
PPGSPQVLEEDAELQKLEKGRRLRQLQQLQQLR
DSGEKVVEIVKKLESRQRGWEEDDPERKGAIVFNAT
SEFCRTLGEIPTYGLAGNREEQEELMDFERDEERSAN
GGSESDGEENIGWSTVNLDEEKQQQDFASSTTILDE
EPIVNRGLAAALLCQNKGLLETTVQKVARVKAPNKSL
PSAVYCIEDKMAIDDKYSRREEYRGFTQDFKEKDGK
PDVKIEYVDETGRKLTPKEAFRQLSHRFHGKSGKMK
TERRMKKLDEEALLKMKSSSDTPLGTVALLQEKKQAQ
KTPYIVLSGSGKSMNANTITK

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 116.7

Interspecies Antigen Sequence: Mouse (94); Rat (94)

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: 9092

Gene Symbol: SART1

Gene Alias: Ara1, HOMS1, MGC2038, SART1259, SNRNP110, Snu66

Gene Summary: This gene encodes two proteins, the SART1(800) protein expressed in the nucleus of the majority of proliferating cells, and the SART1(259) protein expressed in the cytosol of epithelial cancers. The SART1(259) protein is translated by the mechanism of -1 frameshifting during posttranscriptional regulation; its full-length sequence is not published yet. The two encoded proteins are thought to be involved in the regulation of proliferation. Both proteins have tumor-rejection antigens. The SART1(259) protein possesses tumor epitopes capable of inducing HLA-A2402-restricted cytotoxic T lymphocytes in cancer patients. This SART1(259) antigen may be useful in specific immunotherapy for cancer patients and may serve as a paradigmatic tool for the diagnosis and treatment of patients with atopy. The SART1(259) protein is found to be essential for the recruitment of the tri-snRNP to the pre-spliceosome in the spliceosome assembly pathway. [provided by RefSeq]