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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SH2D1A (Human) Recombinant Protein (P01)

Catalog Number: H00004068-P01

Regulation Status: For research use only (RUO)

Product Description: Human SH2D1A full-length ORF (AAH20732, 1 a.a. - 128 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MDAVAVYHGKISRETGEKLLLATGLDGSYLLRDSSEVP
GVYCLCVLYHGYIYTYRVSQTETGSSWAETAPGVHKR
YFRKIKNLISAFQKPDQGIVIPLQYPVEKKSSARSTQGT
TGIREDPDVCLKAP

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 39.82

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: 4068

Gene Symbol: SH2D1A

Gene Alias: DSHP, EBVS, FLJ18687, FLJ92177, IMD5, LYP, MTCP1, SAP, XLP, XLPD

Gene Summary: This gene encodes a protein that plays a major role in the bidirectional stimulation of T and B cells. This protein contains an SH2 domain and a short

tail. It associates with the signaling lymphocyte-activation molecule, thereby acting as an inhibitor of this transmembrane protein by blocking the recruitment of the SH2-domain-containing signal-transduction molecule SHP-2 to its docking site. This protein can also bind to other related surface molecules that are expressed on activated T, B and NK cells, thereby modifying signal transduction pathways in these cells. Mutations in this gene cause lymphoproliferative syndrome X-linked type 1 or Duncan disease, a rare immunodeficiency characterized by extreme susceptibility to infection with Epstein-Barr virus, with symptoms including severe mononucleosis and malignant lymphoma. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]