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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

EPAS1 (Human) Recombinant Protein (P03)

Catalog Number: H00002034-P03

Regulation Status: For research use only (RUO)

Product Description: Human EPAS1 full-length ORF (NP_001421.2, 1 a.a. - 870 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MTADKEKKRSSSERRKEKSRDAARCRRSKETEVFYEL
AHELPLPHSVSSHLDKASIMRLAISFLRTHKLLSSVCSE
NESEAEADQQMDNLYLKALEGFIAVVTQDGMIFLSE
NISKFMGLTQVELTGHSIFDFTHPCDHEEIRENLSLKN
GSGFGKKSMDSTERDFFMRMKCTVTNRGRTVNLKS
ATWKVLHCTGQVKVYNNCPHNSLCGYKEPLLSCLIIM
CEPIQHPSHMDIPLDSKTFLSRHSMDMKFTYCDDRITE
LIGYHPEELLGRSAYEFYHALDSENMTKSHQNLCTKG
QVVSQGQYRMLAKHGGYVWLETQGTVIYNPNRLQPQC
IMCVNYVLSEIEKNDVVFSMDQTESLFKPHLMAMNSIF
DSSGKGAVSEKSNFLFTKLKEEPEELAQAPTGDALIS
LDFGNQNFEESSAYGKAILPPSQPWATELRSHSTQSE
AGSLPAFTVPQAAAPGSTTPSATSSSSSCSTPNSPED
YYTSLDNDLKIEVIEKLFAMDTEAKDQCSTQTDNFELD
LETLPYIPMDGEDFQLSPICPEERLLAENPQSTPQHC
FSAMTNIFQPLAPVAPHSPFLLDKFQQQLESKKTEPEH
RPMSSIFFDAGSKASLPPCCGQASTPLSSMGGRSNTQ
WPPDPPLHFGPTKWAVGDQRTEFLGAAPLGPPVSPP
HVSTFKTRSAKGFGARGPDVLSAMVALSNKCLKLRQ
LEYEEQAFQDLGGDPPGGSTSHLMWKRMLNLRGG
SCPLMPDKPLSANVPNDKFTQNPMPRLGHPLRHLPLP
QPPSAISPGENSKSRFPQCYATQYQDYSLSAHKVS
GMASRLGSPFESYLLPELTRYDCEVNVPLGSSSTLLQ
GGDLLRALDQAT

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 122.1

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: 2034

Gene Symbol: EPAS1

Gene Alias: ECYT4, HIF2A, HLF, MOP2, PASD2, bHLHe73

References:

1. HIF factors cooperate with PML-RAR? to promote acute promyelocytic leukemia progression and relapse. Coltella N, Percio S, Valsecchi R, Cuttano R, Guarnerio J, Ponzoni M, Pandolfi PP, Melillo G, Pattini L, Bernardi R EMBO Mol Med. 2014 May 1;6(5):640-50. doi: 10.1002/emmm.201303065.