

Recombinant Human AHI1 Protein, GST-tagged

Cat. No. AHI1-459H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AHI1 full-length ORF (AAH94800.1, 1 a.a. - 609 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene is apparently required for both cerebellar and cortical development in humans. This gene mutations cause specific forms of Joubert syndrome-related disorders. Joubert syndrome (JS) is a recessively inherited developmental brain disorder with several identified causative chromosomal loci. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Oct 2008]
Molecular Mass	96.4 kDa
AA Sequence	MPTAESEAKVKTQVRFEELLKTHSDLMREKKKLLKKLVRSEENISPDTIRSNLHYMKE TTSDDPDTIRSNLPHIKETTSDVSAANTNNLKKSTRVTKNKLRNTQLATENPNGDA SVEEDKQGKPNKKVIKTPQLTTQDLKPETPENKVDSTHQKTHTKPQPGVDHQKSE KANEGREETDLEEDEELMQAYQCHVTEEMAKEIKRKIRKKLKEQLTYFPSDTLFDHDD KLSSEKRKKKKEVPVFKAETSTLTISGDTVEGEQKKESSVRSVSSDSHQDDEISSM EQSTEDSMQDDTKPKPKKTKKKTKAVADNNEVDGDGVHEITSRDSPVYPKCLLDD DLVLGVYIHRDRLKSDFMISHPMVKIHVVDEHTGQYVKKDDSGRPVSSYYEKENVD YILPIMTQPYDFKQLKSRLPEWEEQIVFNENFPYLLRGSDSPKVILFFEILDFLSVDEI

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KNNSEVQNQECGFRKIAWAFLKLLGANGNANINSKLRLQLYYPPTKPRSPLSVVEAF
EWWSKCPRNHYPSTLYVTVRGLKVPDCIKPSYRSMMALQEEKGKPVHCERHHES
SVDTEPGLEESKEVIKWKRLPGQENEDVFLISPTMEEY

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

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

GENE INFORMATION

Gene Name

[AHI1 Abelson helper integration site 1 \[Homo sapiens \]](#)

Official Symbol

[AHI1](#)

Synonyms

AHI1; Abelson helper integration site 1; Abelson helper integration site; jouberin; FLJ20069; JBTS3; Jouberin; ORF1; contatins SH3 and WD40 domains; abelson helper integration site 1 protein homolog; AHI-1; dJ71N10.1; FLJ14023; DKFZp686J1653;

Gene ID

[54806](#)

mRNA Refseq

[NM_001134830](#)

Protein Refseq

[NP_001128302](#)

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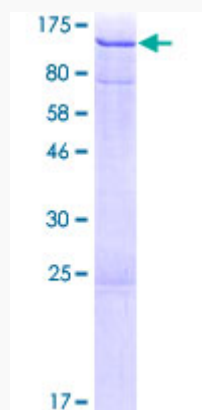
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MIM 608894

UniProt ID Q8N157

Quality Control
Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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