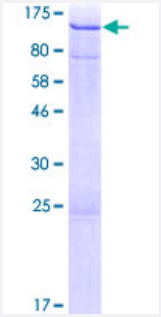
Full-Length

# AHI1 (Human) Recombinant Protein (P01)

Catalog # H00054806-P01 Size 25 ug, 10 ug

## Applications




## Specification

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| **Product Description** | Human AHI1 full-length ORF ( AAH94800.1, 1 a.a. - 609 a.a.) recombinant protein with GST-tag at N-terminal. |
| **Sequence** | MPTAESEAKVKTKVRFEELLKTHSDLMREKKKLKKKLVRSEENISPDTIRSNLHYMKETTSDDPDT IRSNLPHIKETTSDDVSAANTNNLKKSTRVTKNKLRNTQLATENPNGDASVEEDKQGKPNKKVIKT VPQLTTQDLKPETPENKVDSTHQKTHTKPQPGVDHQKSEKANEGREETDLEEDEELMQAYQCH VTEEMAKEIKRKIRKKLKEQLTYFPSDTLFHDDKLSSEKRKKKKEVPVFSKAETSTLTISGDTVEG EQKKESSVRSVSSDSHQDDEISSMEQSTEDSMQDDTKPKPKKTKKKTKAVADNNEDVDGDGV HEITSRDSPVYPKCLLDDDLVLGVYIHRTDRLKSDFMISHPMVKIHVVDEHTGQYVKKDDSGRPVS SYYEKENVDYILPIMTQPYDFKQLKSRLPEWEEQIVFNENFPYLLRGSDESPKVILFFEILDFLSVDEI KNNSEVQNQECGFRKIAWAFLKLLGANGNANINSKLRLQLYYPPTKPRSPLSVVEAFEWWSKCP RNHYPSTLYVTVRGLKVPDCIKPSYRSMMALQEEKGKPVHCERHHESSSVDTEPGLEESKEVIK WKRLPGQENEDVFVLISPTMEEY |
| **Host** | Wheat Germ (in vitro) |
| **Theoretical MW (kDa)** | 96.4 |
| **Interspecies Antigen Sequence** | Mouse (76); Rat (75) |
| **Preparation Method** | *in vitro* wheat germ expression system |
| **Purification** | Glutathione Sepharose 4 Fast Flow |

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| **Quality Control Testing** | 12.5% SDS-PAGE Stained with Coomassie Blue. |
| **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. |
| **Note** | Best use within three months from the date of receipt of this protein. |

## Applications

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

## Gene Info — AHI1

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|---|---|
| **Entrez GeneID** | 54806 |
| **GeneBank Accession#** | BC094800.1 |
| **Protein Accession#** | AAH94800.1 |
| **Gene Name** | AHI1 |
| **Gene Alias** | AHI-1, DKFZp686J1653, FLJ14023, FLJ20069, JBTS3, ORF1, dJ71N10.1 |
| **Gene Description** | Abelson helper integration site 1 |
| **Omim ID** | 608629 608894 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | 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 |
| **Other Designations** | OTTHUMP00000017263\|OTTHUMP00000017264\|OTTHUMP00000017265\|contatins SH3 and WD40 domains\|jouberin |

## Disease

- Abnormalities
- Autistic Disorder
- Cerebellar Ataxia
- Diabetes Mellitus
- Genetic Predisposition to Disease
- Kidney Diseases
- Mental Retardation
- Schizophrenia
- Syndrome
- Tobacco Use Disorder