# Recombinant Human AVIL protein, GST-tagged

**Cat. No.** AVIL-10078H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human AVIL protein(463-812 aa), fused wuth GST tag, was expressed in E.coli. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | 463-812 aa |
| **Form** | The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH. |
| **AA Sequence** | AAVQVRVRMGTEPRHFMAIFKGKLVIFEGGTSRKGNAEPDPPVRLFQIHGNDKSNT KAVEVPAFASSLNSNDVFLLRTQAEHYLWYGKGSSGDERAMAKELASLLCDGSENT VAEGQEPAEFWDLLGGKTPYANDKRLQQEILDVQSRLFECSNKTGQFVVTEITDFT QDDLNPTDVMLLDTWDQVFLWIGAEANATEKESALATAQQYLHTHPSGRDPDTPILII KQGFEPPIFTGWFLAWDPNIWSAGKTYEQLKEELGDAAAIMRITADMKNATLSLNSN DSEPKYYPIAVLLKNQNQELPEDVNPAKKENYLSEQDFVSVFGITRGQFAALPGWK QLQMKKEKGLF |
| **Purity** | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining. |
| **Storage** | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, |

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| | reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles. |
| **Reconstitution** | Reconstitute at 0.25 ḡ/µl in 200 µl sterile water for short-term storage.<br>After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage. |

## GENE INFORMATION

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| **Gene Name** | AVIL advillin [ Homo sapiens ] |
| **Official Symbol** | AVIL |
| **Synonyms** | AVIL; advillin; ADVIL; DOC6; FLJ12386; p92; MGC133244; DKFZp779O1812 |
| **Gene ID** | 10677 |
| **mRNA Refseq** | NM_006576 |
| **Protein Refseq** | NP_006567 |
| **MIM** | 613397 |
| **UniProt ID** | O75366 |

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**SDS-PAGE**




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