



Recombinant Human Abl interactor 1 (ABI1)

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| Product Code | CSB-EP812910HU |
| Abbreviation | ABI1 |
| Storage | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |
| Uniprot No. | Q8IZP0 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | AELQMLLEE EIPSGKRALI ESYQNLTRVA DYCENNYIQA TDKRKALEET KAYTTQSLAS VAYQINALAN NVLQLLDIQA SQLRRMESSI NHISQTVDIH KEKVARREIG ILTTNKNTSR THKIIAPANM ERPVRYIRKP IDYTVLDDVG HGKWLKAKH GNNQPARTGT LSRTNPPTQK PPSPPMSGRG TLGRNTPYKT LEPVKPPTVP NDYMTSPARL GSQHSPGRTA SLNQRPRTHS GSSGSGSRE NSGSSSIGIP IAVPTSPPT IGPENISVPP PSGAPPAPPL APLLPVSTVI AAPGSAPGSQ YGTMTRQISR HNSTTSSTSS GGYRRTPSVT AQFSAQPHVN GGPLYSQNSI SIAPPPPPMP QLTPQIPLTG FVARVQENIA DSPTPPPPPP PDDIPMFDDS PPPPPPPVD YEDEEAHVQ YNDPYADGDP AWAPKNYIEK VVAIYDYTKD KDELSEFMEG AIIYVIKKND DGWYEGVCNR VTGLFPGNYV ESIMHYTD |
| Source | E.coli |
| Target Names | ABI1 |
| Protein Names | Recommended name: Abl interactor 1 Alternative name(s): Abelson interactor 1 Short name= Abi-1 Abl-binding protein 4 Short name= AblBP4 Eps8 SH3 domain-binding protein Short name= Eps8-binding protein Nap1-binding |
| Expression Region | 2-508 |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | Tag type will be determined during the manufacturing process. |
| Protein Length | Full Length of Mature Protein |
| Target Details | This protein has been found to form a complex with EPS8 and SOS1, and is thought to be involved in the transduction of signals from Ras to Rac. In addition, the encoded protein may play a role in the regulation of EGF-induced Erk pathway activation as well as cytoskeletal reorganization and EGFR signaling. Several transcript variants encoding multiple isoforms have been found for this gene. |
| Reconstitution | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a |



concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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