



# Recombinant Human ABI gene family member 3 (ABI3)

|                          |  |
|--------------------------|--|
| <b>Product Code</b>      | CSB-MP873732HU   |
| <b>Abbreviation</b>      | ABI3   |
| <b>Storage</b>           | 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.  |
| <b>Uniprot No.</b>       | Q9P2A4   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Homo sapiens (Human)   |
| <b>Purity</b>            | ≥85% (SDS-PAGE)  |
| <b>Sequence</b>          | MAELQQLQEF EIPTGREALR GNHSALLRVA DYCEDNYVQA TDKRKALEET<br>MAFTTQALAS VAYQVGNLAG HTLRMLDLQG AALRQVEARV STLGQMVNMH<br>MEKVARREIG TLATVQRLPP GQKVIAPENL PPLTPYCRRP LNFGCLDDIG<br>HGIKDLSTQL SRTGTLSRKS IKAPATPASA TLGRPPRIPE PVHLPVVPDG<br>RLSAASSAFS LASAGSAEGV GGAPTPKGQA APPAPPLPSS LDPPPPAAV<br>EVFQRPTLE ELSPPPDEE LPLPLDLPPP PPLDGDELGL PPPPPGFGPD<br>EPSWVPASYL EKVVTLYPYT SQKDNELSF S EGTVICVTRR YSDGWCEGVS<br>SEGTGFFPGN YVEPSC                        |
| <b>Source</b>            | Mammalian cell   |
| <b>Target Names</b>      | ABI3   |
| <b>Protein Names</b>     | Recommended name: ABI gene family member 3 Alternative name(s): New molecule including SH3 Short name= Nesh  |
| <b>Expression Region</b> | 1-366  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | full length protein  |
| <b>Target Details</b>    | This gene encodes a member of an adaptor protein family. Members of this family encode proteins containing a homeobox homology domain, proline rich region and Src-homology 3 (SH3) domain, and are components of the Abi/WAVE complex which regulates Rac-dependent actin polymerization. The encoded protein inhibits ectopic metastasis of tumor cells as well as cell migration. This may be accomplished through interaction with p21-activated kinase. |
| <b>Reconstitution</b>    | 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**

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.