



# Recombinant Human Calcyphosin-2 (CAPS2)

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| <b>Product Code</b>      | CSB-EP861167HU   |
| <b>Abbreviation</b>      | CAPS2  |
| <b>Storage</b>           | <p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>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.</p>  |
| <b>Uniprot No.</b>       | Q9BXY5   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Homo sapiens (Human)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | <p>MGNSFCYTAV YCMINTGTQM DLEVKGVAAT SRSQIQPFFG RKKPLQQRWT<br/>SESWTNQNSC PPVVPRLDLG SLVDSDEEDN FSYIPLSTAN LPNSSSTLGW<br/>VTPCQTPYTQ YHLNKLQNI IPENLPAPTD KCKLKYQQCK TEIKEGYKQY<br/>SQRNAENTKS NVTHKQSPRN KIDEKCVQDE EANTDDLTTL DRKAILQQGY<br/>ADNSCDKQQR ARKLDAEIVA AEKKKQIVAE QVMIDHLSRA VISDPEQNLA<br/>IEQKESDHIL PDSKMTPLRF RKRTLHETKI RTHSTLTENV LSHKLQFDGR<br/>IVSRNGRDAC RELIGFFFTH DQSLTIYEYR QFGKNRTNVL PFIQKSIYSH<br/>QCGRRKGKQY RLGDFYVGAT LTFLLSSDHLS LPESIKENTL LKLRLITNIDQ<br/>IALDSLKTAS MEQEDDIIIQ ETNDRLVFKA IQDVLKEKLH KRGVRLTGL<br/>GKYFQQLDKE GNLLDKADF KQALKVFHLE VSEKDFESAW LILNDNGNGK<br/>VDYGEFKRGI IGEMNEYRKS YVRKAFMKLD FNKSGSVPII NIRKCYCAKK<br/>HSQVISG</p> |
| <b>Source</b>            | E.coli   |
| <b>Target Names</b>      | CAPS2  |
| <b>Protein Names</b>     | Recommended name: Calcyphosin-2 Alternative name(s): Calcyphosine-2  |
| <b>Expression Region</b> | 1-557  |
| <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>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.  |
| <b>Shelf Life</b>        | <p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>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.</p>  |