

## Product datasheet for **AR51111PU-N**

### HEPACAM2 (32-351, His-tag) Human Protein

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | HEPACAM2 (32-351, His-tag) human recombinant protein, 0.25 mg  |
| Species:                              | Human  |
| Expression Host:                      | E. coli  |
| Expression cDNA Clone or AA Sequence: | MGSSHHHHHH SSGLVPRGSH MGSLKVTVPS HTVHGVRGQA LYLPVHYGFH TPASDIQIIW LFERPHTMPK YLLGSVNKSV VPDLEYQHKF TMMPPNASLL INPLQFPDEG NYIVKVNIIQG NGTLSASQKI QVTVDDPVTK PVVQIHPPSG AVEYVGNMTL TCHVEGGTRL AYQWLKNGRP VHTSSTYSFS PQNNTLHIAP VTKEDIGNYS CLVRNPVSEM ESDIIMPIIY YGPYGLQVNS DKGLKVGVEF TVDLGEAILF DCSADSHPPN TYSWIRRTDN TTYIIKHGPR LEVASEKVAQ KTMDYVCCAY NNITGRQDET HFTVIITSVG LEKLAQKGKS LSP |
| Tag:                                  | His-tag  |
| Predicted MW:                         | 37.9 kDa   |
| Concentration:                        | lot specific   |
| Purity:                               | >85% by SDS - PAGE   |
| Buffer:                               | Presentation State: This purified protein is available in a denatured form, making it less suitable for functional studies. Denatured proteins are better suited for applications like Western Blot (WB) or imaging assays.<br>State: Liquid purified protein<br>Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol  |
| Preparation:                          | Liquid purified protein  |
| Protein Description:                  | Recombinant human HEPACAM2 protein, fused to His-tag at N-terminus, was expressed in E.coli.   |
| Storage:                              | Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.  |
| Stability:                            | Shelf life: one year from despatch.  |
| RefSeq:                               | <a href="#">NP_001034461</a>   |
| Locus ID:                             | 253012   |
| UniProt ID:                           | <a href="#">A8MWW5</a>   |



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Cytogenetics: 7q21.2

Synonyms: LOC253012

**Summary:** This gene encodes a protein related to the immunoglobulin superfamily that plays a role in mitosis. Knockdown of this gene results in prometaphase arrest, abnormal nuclear morphology and apoptosis. Poly(ADP-ribosylation) of the encoded protein promotes its translocation to centrosomes, which may stimulate centrosome maturation. A chromosomal deletion including this gene may be associated with myeloid leukemia and myelodysplastic syndrome in human patients. [provided by RefSeq, Oct 2016]

Protein Families: Transmembrane

### Product images:

