

## Product datasheet for **AR51298PU-S**

### VTCN1 / B7H4 (25-259, His-tag) Human Protein

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | VTCN1 / B7H4 (25-259, His-tag) human recombinant protein, 0.1 mg  |
| Species:                              | Human   |
| Expression Host:                      | E. coli   |
| Expression cDNA Clone or AA Sequence: | MGSSHHHHHH SSGLVPRGSH MGSLIIGFGI SGRHSITVTT VASAGNIGED GILSCTFEPD IKLSDIVIQW LKEGVLGLVH EFKEGKDELS EQDEMFRGRT AVFADQVIVG NASLRLKNVQ LTDAGTYKCY IITSKGKGNA NLEYKTGAFS MPEVNVDYNA SSETLRCEAP RWFQPQTVVW ASQVDQGANF SEVSNTSFEL NSENVMTMKV SVLYNVTINN TYSCMIENDI AKATGDIKVT ESEIKRRSHL QLLNSKAS |
| Tag:                                  | His-tag   |
| Predicted MW:                         | 28.2 kDa  |
| Concentration:                        | lot specific  |
| Purity:                               | >90% by SDS - PAGE  |
| Buffer:                               | Presentation State: Purified<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 VTCN1 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_001240778</a>  |
| Locus ID:                             | 79679   |
| UniProt ID:                           | <a href="#">Q7Z7D3</a>  |
| Cytogenetics:                         | 1p13.1-p12  |
| Synonyms:                             | B7-H4; B7h.5; B7H4; B7S1; B7X; PRO1291; VCTN1   |



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**Summary:**

This gene encodes a protein belonging to the B7 costimulatory protein family. Proteins in this family are present on the surface of antigen-presenting cells and interact with ligand bound to receptors on the surface of T cells. Studies have shown that high levels of the encoded protein has been correlated with tumor progression. A pseudogene of this gene is located on chromosome 20. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]

**Protein Families:**

Transmembrane

**Product images:**