

## Product datasheet for **TP720108L**

### **BD2 (DEFB4A) (NM\_004942) Human Recombinant Protein**

#### **Product data:**

|  |   |
|--|---|
| <b>Product Type:</b>                         | Recombinant Proteins  |
| <b>Description:</b>                          | Recombinant protein of human defensin, beta 4 (DEFB4)   |
| <b>Species:</b>                              | Human   |
| <b>Expression Host:</b>                      | E. coli   |
| <b>Expression cDNA Clone or AA Sequence:</b> | Gly24-Pro64   |
| <b>Tag:</b>                                  | Tag Free  |
| <b>Predicted MW:</b>                         | 4.3 kDa   |
| <b>Concentration:</b>                        | lot specific  |
| <b>Purity:</b>                               | >95% as determined by SDS-PAGE and Coomassie blue staining  |
| <b>Buffer:</b>                               | Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl   |
| <b>Endotoxin:</b>                            | < 0.1 EU per µg protein as determined by LAL test   |
| <b>Reconstitution Method:</b>                | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH <sub>2</sub> O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.         |
| <b>Storage:</b>                              | Store at -80°C.   |
| <b>Stability:</b>                            | Stable for at least 6 months from date of receipt under proper storage and handling conditions.   |
| <b>RefSeq:</b>                               | <a href="#">NP_004933</a>   |
| <b>Locus ID:</b>                             | 1673  |
| <b>UniProt ID:</b>                           | <a href="#">O15263</a>  |
| <b>Cytogenetics:</b>                         | 8p23.1  |
| <b>Synonyms:</b>                             | BD-2; DEFB-2; DEFB2; DEFB4; DEFB102; HBD-2; SAP1  |
| <b>Summary:</b>                              | Defensins form a family of microbicidal and cytotoxic peptides made by neutrophils. Members of the defensin family are highly similar in protein sequence. This gene encodes defensin, beta 4, an antibiotic peptide which is locally regulated by inflammation. [provided by RefSeq, Jul 2008] |



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Protein Families: Druggable Genome, Secreted Protein, Transmembrane

**Product images:**

