

Product datasheet for **TP723032**

BD2 (DEFB4A) (NM_004942) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human defensin, beta 4A (DEFB4A).
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	GIGDPVTCLK SGAICHPVFC PRRYKQIGTC GLPGTKCCKK P
Tag:	Tag Free
Predicted MW:	4.3 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 µM filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	Determined by its ability to chemoattract immature human dendritic cells using a concentration of 10.0-100.0 ng/ml.
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_004933
Locus ID:	1673
UniProt ID:	O15263
RefSeq Size:	460
Cytogenetics:	8p23.1
RefSeq ORF:	192
Synonyms:	BD-2; DEFB-2; DEFB2; DEFB4; DEFB102; HBD-2; SAP1



[View online »](#)

Summary: 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]

Protein Families: Druggable Genome, Secreted Protein, Transmembrane

Product images:

