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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

DEFA1 (Human) Recombinant Protein (P01)

Catalog Number: H00001667-P01

Regulation Status: For research use only (RUO)

Product Description: Human DEFA1 full-length ORF (AAH27917, 1 a.a. - 94 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MRTLAILAAILLVALQAQAEPLQARADEVAAAPEQIAAD
IPEVVVSLAWDESLAPKHPGSRKSMDCYCRIPACIAGE
RRYGTCIYQGRLWAFCC

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 36.08

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1667

Gene Symbol: DEFA1

Gene Alias: DEF1, DEFA2, HNP-1, HP-1, MGC138393, MRS

Gene Summary: Defensins are a family of microbicidal and cytotoxic peptides thought to be involved in host defense. They are abundant in the granules of neutrophils and also found in the epithelia of mucosal

surfaces such as those of the intestine, respiratory tract, urinary tract, and vagina. Members of the defensin family are highly similar in protein sequence and distinguished by a conserved cysteine motif. Several alpha defensin genes appear to be clustered on chromosome 8. The protein encoded by this gene, defensin, alpha 1, is found in the microbicidal granules of neutrophils and likely plays a role in phagocyte-mediated host defense. It differs from defensin, alpha 3 by only one amino acid. [provided by RefSeq]