



AVISCERA BIOSCIENCE

Human Beta Defensin-1 (BD-1), His Tag Recombinant

Product Information

Code	00701-02-20
Name	Human BD1, His Tag
Lot No.	
Size	20 µg
Species	Human
Sequence	Gly22-Lys68 plus polyhistidine
Protein ID	NP_005209.1
Gene ID	NM_005218.3
MW	7100 Da
Tag	His tag on N-terminal
Source	E. Coli
Purity	>90% in SDS-PAGE gel
Formulation	PBS lyophilized form without preservatives
Carry	Free
Storage	-20° C ~ -70° C
Reconstitution	100 µl

Description

A DNA sequence encoding the human Beta Defensin-1 (Gly²²-Lys⁶⁸) with polyhistidine tag on the N-Terminus was expressed in *E. Coli*. This protein was purified by Ni-NTA column. The recombinant human BD1 consists 68 amino acids and predicts a molecular mass of 7100 Da.

Formulation

Lyophilized 20 µg human Beta Defensin-1 in 50 µl of PBS, pH 7.4. Carry free.

Reconstitution & Storage

Centrifuge vial prior to reconstitution. Add 100 µl PBS to the vial to prepare a working stock solution at 200 µg/mL. Allow to set at least 30 minutes at 4° C; mix well.

Store lyophilized protein at -20° C or -70° C. Lyophilized protein is stable for up to 6 months from date of receipt at -20° C to -70° C. Upon reconstitution, this protein can be stored at -20° C for a few weeks or at -70° C in a manual defrost freezer for long term storage (six months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

Sequence: human Beta Defensin-1 (Gly²²-Lys⁶⁸) with polyhistidine tag

ORDER INFORMATION

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