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Product Datasheet

Recombinant Human BNIP3 (N-6His) EBT-EPT241

Article Name	Recombinant Human BNIP3 (N-6His)
Biozol Catalog Number	EBT-EPT241
Supplier Catalog Number	EPT241
Alternative Catalog Number	EBT-EPT241-50
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Human Adenovirus E1B 19 kDa Protein-Interacting Protein 3 is produced by our E.coli expression system and the target gene encoding Met1-Leu166 is expressed with a 6His tag at the N-terminus....
Molecular Weight	Molecular weight: 20.6 KDa. Apparent molecular weight: 28 KDa, reducing conditions
UniProt	AAH21989.1
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes	Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test. Background: BCL2/Adenovirus E1B 19 kDa Protein-interacting Protein 3 (BNIP3) is a single-pass membrane protein. BNIP3 is a member of the NIP3 family. BNIP3 contains a single Bcl-2 homology 3 domain and interacts with the E1B 19 kDa protein. BNIP3 have been associated with pro-apoptotic function. BNIP3 is an apoptosis-inducing protein that can overcome BCL2 suppression. It plays a role in repartitioning calcium between the two major intracellular calcium stores in association with BCL2. BNIP3 involved in mitochondrial quality control via its interaction with SPATA18/MIEAP, response to mitochondrial damage, participates to mitochondrial protein catabolic process
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