

**Recombinant Human BNIP3/NIP3 Protein(N-6His)**

**Cat.NO.: TP06057**

3th Edition

**Synonyms:**BCL2/Adenovirus E1B 19 kDa Protein-Interacting Protein 3; BNIP3; NIP3

**Description:**BCL2/Adenovirus E1B 19 kDa Protein-linteracting 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.

**Form:**PBS

**Molecular Weight:**20.6 kDa

**Sequences:**Met 1-Leu166

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.