Recombinant B2L13 protein (His tag)

Catalog Number	548151
Synonyms	Bcl2-L-13; Bcl-rambo; Protein Mil1
Species	Human
Expression System	E. coli
Accession	Q9BXK5
Molecular Weight	Predictes a molecular mass of 27.06 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 29 kDa band.

Product Information

Sequence Region	1-226
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>89%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Endotoxin	Not tested.
Activity	Not tested.
Stability	Samples are stable for up to twelve months from date of receipt at -70℃
Protein Construction	DNA encoding 1-226 aa (Q9BXK5) were fused with 6His tag.

Storage & Handling

Reconstitution	Reconstitute at 0.25 μg/μl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.
Storage	Store it under sterile conditions at -20℃ to -80℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

Description

Description	Recombinant Bcl-2-like protein 13 (Bcl2-L-13) fragment (amino acids 1-226) is a high-quality protein product designed for research applications. This fragment, derived from the human BCL2L13 gene, represents a stable and soluble unit optimized for structural and biochemical studies, supporting investigations into apoptosis regulation. Bcl-2-like protein 13, also known as Bcl-rambo or Protein Mil1, is implicated in promoting caspase-3 activation and apoptosis. The full-length protein localizes to the mitochondrion membrane (as a single-pass membrane protein in isoform 2) and nucleus, playing a role in cellular death pathways. This recombinant fragment (1-226) enables focused analysis of its functional domains and mechanisms in a soluble format, facilitating research on its apoptotic functions without domain-specific constraints.