

Recombinant Human BCL2L1 Protein (1-233), N-GST-tagged

Product Information

Cat	IMP-8830
Official Symbol	BCL2L1
Product Overview	Human BCL2L1 full-length ORF (AAH19307, 1 a.a.-233 a.a.) recombinant protein with GST-tag at N-terminal was expressed in Wheat Germ (in vitro).
Description	<p>The protein encoded by this gene belongs to the BCL-2 protein family. BCL-2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. The proteins encoded by this gene are located at the outer mitochondrial membrane, and have been shown to regulate outer mitochondrial membrane channel (VDAC) opening. VDAC regulates mitochondrial membrane potential, and thus controls the production of reactive oxygen species and release of cytochrome C by mitochondria, both of which are the potent inducers of cell apoptosis. Two alternatively spliced transcript variants, which encode distinct isoforms, have been reported. The longer isoform acts as an apoptotic inhibitor and the shorter form acts as an apoptotic activator.</p>
Expression System	Wheat Germ (in vitro)
Species	Human
Tag	N-GST
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	51.37 kDa
Protein length	1-233
AA Sequence	MSQSNRELVVDFLSYKLSQKGYWSQFSDVEENRTEAPEGTESEMETP SAINGNPSWHLADSPAVNGATGHSSSLDAREVIPMAAVKQALREAGDEF ELRYRRAFSDLTSQLHITPGTAYQSFEQVVNELFRDGVNWGRIVAFFSFG GALCVESVDKEMQVLVSRIAAMATYLNHLEPWIQENGGWDTFVELYG NNAAAESRKGQERFNRWFLTGMTVAGVLLGSLFSRK
Applications	ELISA; WB (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
SDS-PAGE	



12.5% SDS-PAGE Stained with Coomassie Blue.