

# Product Datasheet

## Recombinant Human Bax GST (N-Term) Protein H00000581-P01-10ug

Unit Size: 10 ug

Store at -80C. Avoid freeze-thaw cycles.

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**H00000581-P01-10ug****Recombinant Human Bax GST (N-Term) Protein**

<b>Product Information</b>	
<b>Unit Size</b>	10 ug
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -80C. Avoid freeze-thaw cycles.
<b>Preservative</b>	No Preservative
<b>Purity</b>	>80% by SDS-PAGE and Coomassie blue staining
<b>Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
<b>Target Molecular Weight</b>	46.86 kDa
<b>Product Description</b>	
<b>Description</b>	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-192 of Human BAX</p> <p><b>Source:</b> <i>Wheat Germ (in vitro)</i></p> <p><b>Amino Acid Sequence:</b>  MDGSGEQPRGGGPTSSEQIMKTGALLLQGFIQDRAGRMGGEAPELALDPVPO  DASTKKLSECLKRIGDELDSNMELQRMIAAVDTDSPREVFRRVAADMFS DGNF  NWGRVVALFYFASKLVLKALCTKVPELIRTIMGWTLDFLRERLLGWIQDQGGW  DGLLSYFGTPTWQTATIFVAGVLTASLTIWKKMG</p>
<b>Gene ID</b>	581
<b>Gene Symbol</b>	BAX
<b>Species</b>	Human
<b>Preparation Method</b>	in vitro wheat germ expression system
<b>Details of Functionality</b>	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Protein Array, Immunoaffinity Purification
<b>Recommended Dilutions</b>	Western Blot, ELISA, Protein Array, Immunoaffinity Purification

## Images

SDS-Page: Recombinant Human Bax Protein [H00000581-P01] - 12.5%  
SDS-PAGE Stained with Coomassie Blue.



## Publications

Darweesh OO Investigation Of The Molecular Mechanism Of Paclitaxel-Induced Apoptosis In Cultured-Human Cells Thesis (Human)

Kim EM, Kim J, Park JK et al. Bcl-w promotes cell invasion by blocking the invasion-suppressing action of Bax. *Cell Signal*. 2012-06-01 [PMID: 22570867]

Xin M, Li R, Xie M et al. Small-molecule Bax agonists for cancer therapy. *Nat Commun*. 2014-09-18 [PMID: 25230299]

Chattopadhyay S, Marques JT, Yamashita M et al. Viral apoptosis is induced by IRF-3-mediated activation of Bax. *EMBO J*;29(10):1762-73. 2010-05-19 [PMID: 20360684]

Wang X, Carlsson Y, Basso E et al. Developmental Shift of Cyclophilin D Contribution to Hypoxic-Ischemic Brain Injury. *J Neurosci*;29(8):2588-96. 2009-02-25 [PMID: 19244535]



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### **Products Related to H00000581-P01-10ug**

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NB100-56096PEP	Bax Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]
NBP1-28566	Bax Antibody (6A7)
AF835	Caspase-3 Antibody [Unconjugated] - Active

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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