

## Product datasheet for **TP307930L**

### BCAR3 (NM\_003567) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human breast cancer anti-estrogen resistance 3 (BCAR3), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207930 protein sequence Red=Cloning site Green=Tags(s)

MAAGKFASLPRNMPVNHQFPLASSMDLLSSRSPLAEHRPDAYQDVSIHGTLPRKKKGPPPIRSCDDFSHM  
GTLPHSKSPRQNSPVTQDGIQESPWQDRHGETFTFRDPHLLDPTVEYVKFSKERHIMDRTPPEKLLKELEE  
ELLLSSEDLRSHAWYHGRIPRQVSENLVQRDGDFLVRDSLSSPGNFVLTQCWKNLAQHFKINRTVLRSE  
AYSRVQYQFEMESFDSIPGLVRCYVGNRRPISQQSGAIFQPINRTVPLRCLLEEYGTSPGQAREGLTK  
GRPDVAKRSLTMGGVQAREQNLPRGNLLRNKEKSGSQPACLDHMQDRRALS LKAHQSESYLPIGCKLPP  
QSSGVDTS PCPN SPV FRTGSEPAL SPAVRRVSSDARAGEALRGSDSQLCPKPPPKCKVPFLKVPSSPS  
AWLNSEANYCELNPAFATGCGRGAKLPSCAQGSHTELLTAKQNEAPGPRNSGVNYLILDDDRERPWEP  
AAQMEKGQWDKGEFVTPLLETVSSFRPNEFESKFLPPENKPLETAMLKRAKELFTNNDPKVIAQHVLSMD  
CRVARILGVSEEMRRNMGVSSGLELITLPHGHQLRLDIERHNTMAIGIAVDILGCTGTLEDRAATLSKI  
IQVAVELKDSMGDLYSFSALMKALEMPQITRLEKTWTALRHQYTQTAILYEKQLKPFKLLHEGRESTCV  
PPNNVSVPLLMPLVTLMERQAVTFEGTDMWEKNDQSCEIMLNHLATARFMAEAAADSYRMNAERILAGFQP  
DEEMNEICKTEFQMRLWLGSKGAQVNQTERYEFKNQILTALSRKLEPPPVKQAE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

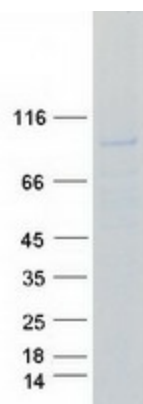
Tag:	C-Myc/DDK
Predicted MW:	92.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_003558</a>
<b>Locus ID:</b>	8412
<b>UniProt ID:</b>	<a href="#">O75815</a> , <a href="#">A0A384MTS3</a>
<b>RefSeq Size:</b>	3203
<b>Cytogenetics:</b>	1p22.1
<b>RefSeq ORF:</b>	2475
<b>Synonyms:</b>	AND-34; MIG7; NSP2; SH2D3B
<b>Summary:</b>	Breast tumors are initially dependent on estrogens for growth and progression and can be inhibited by anti-estrogens such as tamoxifen. However, breast cancers progress to become anti-estrogen resistant. Breast cancer anti-estrogen resistance gene 3 was identified in the search for genes involved in the development of estrogen resistance. The gene encodes a component of intracellular signal transduction that causes estrogen-independent proliferation in human breast cancer cells. The protein contains a putative src homology 2 (SH2) domain, a hall mark of cellular tyrosine kinase signaling molecules, and is partly homologous to the cell division cycle protein CDC48. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2012]
<b>Protein Families:</b>	Druggable Genome

### Product images:



Coomassie blue staining of purified BCAR3 protein (Cat# [TP307930]). The protein was produced from HEK293T cells transfected with BCAR3 cDNA clone (Cat# [RC207930]) using MegaTran 2.0 (Cat# [TT210002]).