

Recombinant Human BCAR3 Protein, GST-tagged

Cat. No. BCAR3-122H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BCAR3 partial ORF (AAH39895, 266 a.a. - 373 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	37.51 kDa
AA Sequence	YGTSPGQAREGLTKGRPDVAKRLSLTMGGVQAREQNLPRGNLLRNKEKSGSQPA CLDHMQDRRALSLKAHQSESYLPIGCKLPPQSSGVDTSPCPNSPVFRTGSEPA
Notes	Best use within three months from the date of receipt of this protein.

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Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [BCAR3 breast cancer anti-estrogen resistance 3 \[Homo sapiens \]](#)

Official Symbol [BCAR3](#)

Synonyms BCAR3; breast cancer anti-estrogen resistance 3; breast cancer anti-estrogen resistance protein 3; NSP2; SH2D3B; novel SH2-containing protein 2; SH2 domain-containing protein 3B; dJ1033H22.2 (breast cancer anti-estrogen resistance 3); KIAA0554;

Gene ID [8412](#)

mRNA Refseq [NM_003567](#)

Protein Refseq [NP_003558](#)

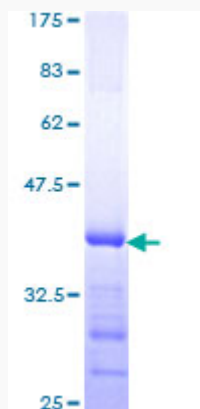
MIM [604704](#)

UniProt ID [O75815](#)

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