

# Recombinant Human BCAS2

Catalog No: #GP11273



Package Size: #GP11273-1 100ug

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## Description

|                       |   |
|-----------------------|---|
| Product Name          | Recombinant Human BCAS2                 |
| Brief Description     | Recombinant Protein                     |
| Immunogen Description | Full length fusion protein              |
| Target Name           | breast carcinoma amplified sequence 2   |
| Other Names           | DAM1; SPF27; Snt309                     |
| Accession No.         | Swissprot:O75934Gene Accession:BC005285 |
| Uniprot               | O75934                                  |
| GeneID                | 10286;                                  |
| Storage               | -20~-80°C, pH 7.6 PBS                   |

## Background

BCAS2 (breast carcinoma amplified sequence 2), also designated DAM1 (DNA amplified in mammary carcinoma 1 protein) or spliceosome-associated SPF 27, is a ubiquitously expressed nuclear protein that was originally identified as being overexpressed in various breast cancer cell lines. BCAS2 is now known to be a component of the spliceosome, participating in the removal of introns from mRNA precursors. BCAS2 specifically interacts (in a ligand-independent manner) with TR (thyroid hormone receptor beta), ER $\alpha$  (estrogen receptor alpha), ER, PR (progesterone receptor), and PPAR $\gamma$  (Peroxisome proliferator-activated receptor gamma). BCAS2 functions as an ER coactivator and is capable of enhancing ER-mediated transcription. This suggests that BCAS2 is involved in the development of breast cancer.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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