

## 32-3298: BCAS2 Recombinant Protein(Discontinued)

**Alternative Name** : Pre-mRNA-splicing factor SPF27,Breast carcinoma-amplified sequence 2,DNA amplified in mammary carcinoma 1 protein,Spliceosome-associated protein SPF 27,BCAS2,DAM1,SPF27,Snt309.

### Description

Source : Escherichia Coli. BCAS2 Human Recombinant fused with a 36 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 261 amino acids (1-225 a.a.) and having a molecular mass of 30.3kDa. The BCAS2 is purified by proprietary chromatographic techniques. Pre-mRNA-splicing factor SPF27 (BCAS2) is a ubiquitously expressed nuclear protein that was initially identified as being overexpressed in various breast cancer cell lines. BCAS2 is currently as a component of the spliceosome, participating in the exclusion of introns from mRNA precursors. BCAS2 interacts in a ligand-independent manner particularly with Thyroid Hormone Receptor (TR), Estrogen Receptor (ER), ER, Progesterone Receptor (PR) and Peroxisome Proliferator-activated receptor (PPAR). BCAS2 acts as an ER co-activator and is capable of boosting ER-mediated transcription, suggesting that BCAS2 is involved in the development of breast cancer.

### Product Info

**Amount :** 5 µg  
**Purification :** Greater than 85.0% as determined by SDS-PAGE.  
**Content :** The BCAS2 solution (0.25 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 20% glycerol, 5mM DTT and 0.2M NaCl.  
**Storage condition :** BCAS2 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.  
**Amino Acid :** MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMAGT GLVAGEVVVD ALPYFDQGYE  
APGVREAAA LVEEETRRYR PTKNYLSYLT APDYSAFETD IMRNEFERLA ARQPIELLSM KRYELPAPSS  
GQKNDITAWQ ECVNNSMAQL EHQAVRIENL ELMSQHGCNA WKVYNENLVH MIEHAQKELQ  
KLRKHIQDLN WQRKNMQLTA GSKLREMESN WVSLVSKNYE IERTIVQLEN EIYQIKQOHG EANKENIRQD  
F.

