



## Recombinant Human Breast Carcinoma Amplified Sequence 2 Protein Datasheet

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**Catalog Number:** PR27246

**Product Type:** Recombinant Protein

**Source:** *E. Coli*

**Amino Acid Sequence:** MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMAGT GLVAGEVVVD ALPYFDQGYE APGVREAAAA LVEEETRRYR PTKNYLSYLT APDYSAFETD IMRNEFERLA ARQPIELLSM KRYELPAPSS GQKNDITAWQ ECVNNSMAQL EHQAVRIENL ELMSQHGCA WKVYNENLVH MIEHAQKELQ KLRKHIQDLN WQRKNMQLTA GSKLREMESN WVSLVSKNYE IERTIVQLEN EIYQIKQQHG EANKENIRQD F.

**Description/Molecular Mass:** 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 a component of the spliceosome, participating in the exclusion of introns from mRNA precursors. 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.

**Purity:** 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. Greater than 85.0% as determined by:  
(a) Analysis by SDS-PAGE.

**Format:** The BCAS2 solution (0.25 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 20% glycerol, 5mM DTT and 0.2M NaCl.

**Storage:** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

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