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 APGVREAAAA LVEEETRRYR PTKNYLSYLT APDYSAFETD IMRNEFERLA ARQPIELLSM KRYELPAPSS GQKNDITAWQ ECVNNSMAQL EHQAVRIENL ELMSQHGCNA WKVYNENLVH MIEHAQKELQ KLRKHIQDLN WQRKNMQLTA GSKLREMESN WVSLVSKNYE IERTIVQLEN EIYQIKQQHG EANKENIRQD F.