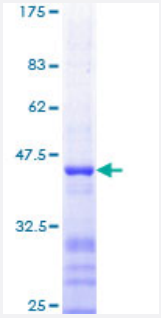
FOSB (Human) Recombinant Protein (Q01)

Catalog # H00002354-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human FOSB partial ORF (NP_006723, 151 a.a. - 250 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	TPEEEEKRRVRRERNKLAAAKCRNRRRELTDRLQAETDQLEEEKAELESEIAELQKEKERLEFVL VAHKPGCKIPYEEGPGPGPLAEVRDLPGSAPAKED
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — FOSB

Entrez GeneID	2354
GeneBank Accession#	NM_006732
Protein Accession#	NP_006723
Gene Name	FOSB
Gene Alias	AP-1, DKFZp686C0818, G0S3, GOS3, GOSB, MGC42291
Gene Description	FBJ murine osteosarcoma viral oncogene homolog B
Omim ID	164772
Gene Ontology	Hyperlink
Gene Summary	The Fos gene family consists of 4 members: FOS, FOSB, FOSL1, and FOSL2. These genes enc ode leucine zipper proteins that can dimerize with proteins of the JUN family, thereby forming the t ranscription factor complex AP-1. As such, the FOS proteins have been implicated as regulators of cell proliferation, differentiation, and transformation. Alternatively spliced transcript variants enc oding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	activator protein 1|oncogene FOS-B

Disease

- Alzheimer disease
- Asperger Syndrome
- Autistic Disorder
- Cognition

- Genetic Predisposition to Disease