Recombinant Human CALML4 protein, GST-tagged

Cat. No. CALML4-10672H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CALML4 protein(49-196 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	49-196 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_4, 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	QPRPQNEYKECFSLYDKQQRGKIKATDLMVAMRCLGASPTPGEVQRHLQTHGIDG NGELDFSTFLTIMHMQIKQEDPKKEILLAMLMVDKEKKGYVMASDLRSKLTSLGEKLT HKEVDDLFREADIEPNGKVKYDEFIHKITLPGRDY
Purity	90%, by SDS-PAGE.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

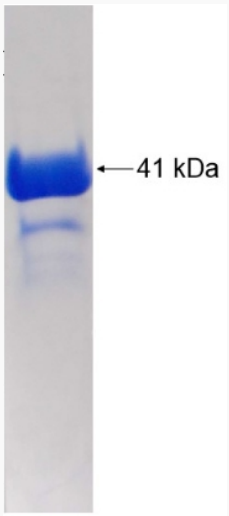
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	CALML4 calmodulin-like 4 [Homo sapiens]
Official Symbol	CALML4
Synonyms	CALML4; calmodulin-like 4; calmodulin-like protein 4; MGC4809; NY BR 20; serologically defined breast cancer antigen NY-BR-20; NY-BR-20;
mRNA Refseq	NM_001031733
Protein Refseq	NP_001026903
UniProt ID	Q96GE6
Gene ID	91860

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SDS-PAGE



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