Recombinant Brain Specific Angiogenesis Inhibitor 1 (BAI1) Instruction Manual

SIPC342Hu01

Homo sapiens (Human)

Source Prokaryotic expression

Host E.coli

Endotoxin Level <1.0EU per 1µg (determined by the LAL method)

Subcellular LocationMembranePredicted Molecular Mass64.1kDa

Accurate Molecular Mass 64kDa(Analysis of differences refer to the manual)
Residues & Tags 64kDa(Analysis of differences refer to the manual)
Ala31~Pro350 with N-terminal His and GST Tag

100mMNaHCO₃, 500mMNaCl, pH8.3, containing 1mM

Buffer Formulation EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and

Proclin300.

Traits Freeze-dried powder

Purity > 90% Isoelectric Point 8.3

Applications Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

			AAGADAGPGP	EPCATLVQGK
FFGYFSAAAV	FPANASRCSW	TLRNPDPRRY	TLYMKVAKAP	VPCSGPGRVR
TYQFDSFLES	TRTYLGVESF	DEVLRLCDPS	APLAFLQASK	QFLQMRRQQP
PQHDGLRPRA	GPPGPTDDFS	VEYLVVGNRN	PSRAACQMLC	RWLDACLAGS
RSSHPCGIMQ	TPCACLGGEA	GGPAAGPLAP	RGDVCLRDAV	AGGPENCLTS
LTQDRGGHGA	TGGWKLWSLW	GECTRDCGGG	LQTRTRTCLP	APGVEGGGCE
GVLEEGROCN	REACGPAGRT	SSRSQSLRST	DARRREELGD	ELQQFGFPAP

USAGE

Reconstitute in 100mM NaHCO₃, 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image

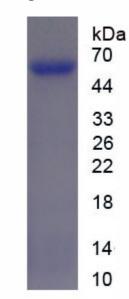


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.