

Recombinant Human AKAP8 protein, GST-tagged

Cat. No. AKAP8-3446H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AKAP8 protein(501-692 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	501-692 aa
Tag	N-GST
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: 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.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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AA Sequence

SVDHNNHNRRLAAEQFKKTSLHVAKSVLNNRHIVKMLEKYLKGEDPFTSETVDPEME
 GDDNLGGEDKKETPEEVAADVLAEVITAAVRAVDGEGAPAPESSGEPAEDEGPTDT
 AEAGSDPQAEQLLEEQVPCGTAHEKGVPKARSEAAEAGNGAETMAAEAESAQTRV
 APAPAAADAEVEQTDAESKDAVPTE

GENE INFORMATION

Gene Name	AKAP8 A kinase (PRKA) anchor protein 8 [Homo sapiens]
Official Symbol	AKAP8
Synonyms	AKAP8; A kinase (PRKA) anchor protein 8; A-kinase anchor protein 8; A kinase anchor protein; 95kDa; AKAP95; DKFZp586B1222; A-kinase anchor protein, 95kDa; AKAP-8; AKAP 95; AKAP-95;
Gene ID	10270
mRNA Refseq	NM_005858
Protein Refseq	NP_005849
MIM	604692
UniProt ID	O43823

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SDS-PAGE



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