Recombinant Human HOMER1 protein, His-tagged

Cat. No. HOMER1-405H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HOMER1 protein(1-354 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-354 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AASequence	MGEQPIFSTRAHVFQIDPNTKKNWVPTSKHAVTVSYFYDSTRNVYRIISLDGSKAIINS TITPNMTFTKTSQKFGQWADSRANTVYGLGFSSEHHLSKFAEKFQEFKEAARLAKE KSQEKMELTSTPSQESAGGDLQSPLTPESINGTDDERTPDVTQNSEPRAEPTQNAL PFSHSSAISKHWEAELATLKGNNAKLTAALLESTANVKQWKQQLAAYQEEAERLHK RVTELECVSSQANAVHTHKTELNQTIQELEETLKLKEEEIERLKQEIDNARELQEQRD SLTQKLQEVEIRNKDLEGQLSDLEQRLEKSQNEQEAFRNNLKTLLEILDGKIFELTEL RDNLAKLLECS
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
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

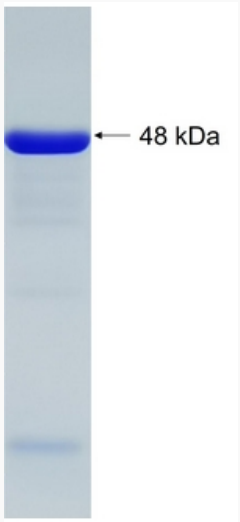
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	repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 µg/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	HOMER1 homer homolog 1 (Drosophila) [Homo sapiens]
Official Symbol	HOMER1
Synonyms	HOMER1; homer homolog 1 (Drosophila); homer protein homolog 1; HOMER 1B; SYN47; Ves 1; homer-1; homer, neuronal immediate early gene, 1; HOMER; Ves-1; HOMER1A; HOMER1B; HOMER1C;
Gene ID	9456
mRNA Refseq	NM_004272
Protein Refseq	NP_004263
MIM	604798
UniProt ID	Q86YM7

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SDS-PAGE	

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