

Recombinant Human HOMER1 protein, GST-tagged

Cat. No. HOMER1-13879H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HOMER1 protein(7-354 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	7-354 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO 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	FSTRAHVFQIDPNTKKNWVPTSKHAVTVSYFYDSTRNVYRIISLDGSKAIINSTITPNM TFTKTSQKFGQWADSRANTVYGLGFSSEHHLSKFAEKFQEFKEAARLAKEKSQEKM ELTSTPSQESAGGDLQSPLTPESINGTDDERTPDVTQNSEPRAEPTQNALPFSHSS AISKHWEAELATLKGNNAKLTAALLESTANVKQWKQQLAAYQEEAERLHKRVTELE CVSSQANAVHHTKTELNQTIQELEETLKLKEEEIERLKQEIDNARELQEQRDSLTLQKL QEVEIRNKDLEGQLSDLEQRLEKSQNEQEAFRNNLKTLLILDGKIFELTELRLDNLAK LLECS
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.

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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.

Reconstitution Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/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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