

Recombinant Human ERBB4 protein, GST-tagged

Cat. No. ERBB4-3768H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ERBB4 protein(989-1308 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	989-1308 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ ,17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	GDDRMKLPSPNDSKFFQNLLDEEDLEDMMDAEEYLVPQAFNIPPIYTSRARIDSNR SEIGHSPPPAYTPMSGNQFVYRDGGFAAEQGVSVPYRAPSTSTIPEAPVAQGATAEIF DDSCCNGTLRKPVAPHVQEDSSTQRYSADPTVFAPERSPRGELDEEGYMTPMRDK PKQEYLNPEENPFVSRKNGDLQALDNPEYHNASNGPPKAEDEYVNEPLYLNTFA NTLGKAEYLKNNILSMPEKAKKAFDNPDYWNHSLPPRSTLQHPDYLQEYSTKYFYK QNGRIRPIVAENPEYLSEFSLKPGTVLPPPPYRHRNTVV
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, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

ERBB4 v-erb-a erythroblastic leukemia viral oncogene homolog 4 (avian) [Homo sapiens]

Official Symbol

ERBB4

Synonyms

ERBB4; v-erb-a erythroblastic leukemia viral oncogene homolog 4 (avian); v erb a avian erythroblastic leukemia viral oncogene homolog like 4; receptor tyrosine-protein kinase erbB-4; proto-oncogene-like protein c-ErbB-4; tyrosine kinase-type cell surface receptor HER4; avian erythroblastic leukemia viral (v-erb-b2) oncogene homolog 4; HER4; p180erbB4; MGC138404;

Gene ID

2066

mRNA Refseq

NM_001042599

Protein Refseq

NP_001036064

MIM

600543

UniProt ID

Q15303

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