Recombinant Full Length Human TLE1 Protein, C-Flag-tagged

Cat. No. TLE1-860HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human TLE1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables identical protein binding activity and transcription corepressor activity. Involved in negative regulation of I-kappaB kinase/NF-kappaB signaling; negative regulation of anoikis; and regulation of gene expression. Located in cytosol and nucleoplasm. Part of beta-catenin-TCF complex.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	83 kDa
AA Sequence	MFPQSRHPTPHQAAGQPFKFTIPESLDRIKEEFQFLQAQYHSLKLECEKLASEKTEM QRHYVMYYEMSYG LNIEMHKQTEIAKRLNTICAQVIPFLSQEHQQQVAQAVERAKQ VTMAELNAIIGQQQLQAQHLSHGHGPP VPLTPHPSGLQPPGIPPLGGSAGLLALSSA LSGQSHLAIKDDKKHHDAEHHRDREPGTSNSLLVPDSLRG TDKRRNGPEFSNDIKK RKVDDKDSSHYDSDGDKSDDNLVVDVSNEDPSSPRASPAHSPRENGIDKNRLLK K DASSSPASTASSASSTSLKSKEMSLHEKASTPVLKSSTPTPRSDMPTPGTSATPGLR PGLGKPPAIDPL VNQAAAGLRTPLAVPGPYPAPFGMVPHAGMNGELTSPGAAYASL HNMSPQMSAAAAAAAVVAYGRSPMVG FDPPPHMRVPTIPPNLAGIPGGKPAYSFH VTADGQMQPVPFPPDALIGPGIPRHARQINTLNHGEVVCAV TISNPTRHVYTGGKG

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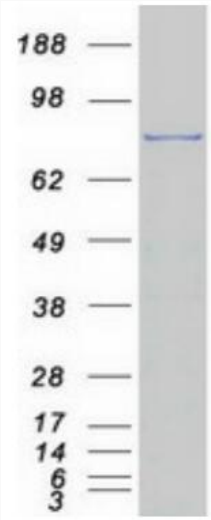
	CVKVWDISHPGNKSPVSQLDCLNRDNYIRSCKLLPDGCTLIVGGEASTLSIWDLA AP TPRIKAELTSSAPACYALAISPDSKVCFSCCSDGNIAVWDLHNQTLVRQFQGHTDGA SCIDISNDGTK LWTGGLDNTVRSWDLREGRQLQQHDFTSQIFSLGYCPTGEWLAV GMESSNVEVLHVNKPDKYQLHLHESC VLSLKFAYCGKWFVSTGKDNLLNAWRTPY GASIFQSKESSSVLSCDISVDDKYIVTGSGDKKATVYEVIYTRTRPLEQKLISEEDLAA NDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transcription Factors
Full Length	Full L.

GENE INFORMATION

Gene Name	TLE1 TLE family member 1, transcriptional corepressor [Homo sapiens (human)]
Official Symbol	TLE1
Synonyms	ESG; ESG1; GRG1; TLE-1

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Gene ID	7088
mRNA Refseq	NM_005077.5
Protein Refseq	NP_005068.2
MIM	600189
UniProt ID	Q04724



Coomassie blue staining of purified TLE1 protein.

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