Recombinant Human ERG protein, T7/His-tagged

Cat. No. ERG-210H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ERG cDNA (479aa, Isoform-I, which derived from BC040168) fused with T7-His-TEV cleavage site Tag at N-terminal and 11R tag at C-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	497 a.a.
Form	0.2 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	MASMTGGQQMGRGHHHHHHENLYFQGSASTIKEALSVVSEDQSLFECAYGTPHLA KTEMTASSSSDYGQTSKMSP RVPQQDWLSQPPARVTIKMECNPSQVNGSRNSPD ECSVAKGGKMVGSPDTVGMNYGSYMEEKHMPPPNMTTNERR VIVPADPTLWSTD HVRQWLEWAVKEYGLPDVNILLFQNIDGKELCKMTKDDFQRLTPSYNADILLSHLHY LRETP LPHLTSDDVDKALQNSPRLMHARNTGGAAFIFPNTSVYPEATQRITTRPDLP YEPPRRSAWTGHGHPTPQSKAAQ PSPSTVPKTEDQRPQLDPYQILGPTSSRLANP GSGQIQLWQFLLELLSDSSNSSCITWEGTNGEFKMTDPDEVAR RWGERKSKPNMN YDKLSRALRYYYDKNIMTKVHGKRYAYKFDFHGIAQALQPHPPESSLYKYPSDLPYM GSYHAH PQKMNFVAPHPPALPVTSSSFFAAPNPYWNSPTGGIYPNTRLPTSHMPS HLGTYYLEESGGGGSPGRRRRRRRRR RR
Purity	>90% by SDS-PAGE

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Storage	Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 7 days.

GENE INFORMATION

Gene Name	ERG v-ets erythroblastosis virus E26 oncogene homolog (avian) [Homo sapiens]
Official Symbol	ERG
Synonyms	ERG; v-ets erythroblastosis virus E26 oncogene homolog (avian); v ets avian erythroblastosis virus E26 oncogene related , v ets erythroblastosis virus E26 oncogene like (avian); transcriptional regulator ERG; erg 3; p55; TMPRSS2 ERG prostate cancer specific; transcriptional regulator ERG (transforming protein ERG); v ets avian erythroblastosis virus E26 oncogene related; v ets erythroblastosis virus E26 oncogene like; ets-related; TMPRSS2/ERG fusion; v-ets erythroblastosis virus E26 oncogene like; v-ets avian erythroblastosis virus E26 oncogene related; erg-3;
Gene ID	2078
mRNA Refseq	NM_001136154
Protein Refseq	NP_001129626
MIM	165080
UniProt ID	P11308
Chromosome Location	21q22.3
Pathway	Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional

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	misregulation in cancer, conserved biosystem;
Function	DNA binding; protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; signal transducer activity;

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