

## Recombinant Human ERG protein, His-tagged

Cat. No. ERG-3148H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ERG protein(178-293 aa), fused to His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	178-293 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
<b>AA Sequence</b>	RLTPSYNADILLSHLHYLRETPLPHLTSSDDVDKALQNSPRLMHARNTGGAAFIFPNTS VYPEATQRITTRPDLPEPPRRSAWTGHGHPTPQSKAAQPSPSTVPKTEDQRPQLD PY
<b>Purity</b>	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	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 cycles.
<b>Reconstitution</b>	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

## 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](#)

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