

## Recombinant Human RAX protein, His-tagged

**Cat. No.** RAX-7844H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human RAX protein(1-131 aa), fused with N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E. coli
<b>ProteinLength</b>	1-131 aa
<b>Form</b>	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 7.4). 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 300 mM imidazole.
<b>AASequence</b>	MHLPGCAPAMADGFSFLAGHLLRSPGGSTSRLLHSIEAILGFTKDDGILGTFPAERGA RGAKERDRRLGARPCPKAPEEGSESPPPAPAPAPEYEAPRPYCPKEPGEARPS PGLPVGPATGEAKLSEEEQ
<b>Purity</b>	85%, by SDS-PAGE.
<b>Storage</b>	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.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

<b>Gene Name</b>	RAX retina and anterior neural fold homeobox [ Homo sapiens ]
<b>Official Symbol</b>	RAX
<b>Synonyms</b>	RAX; retina and anterior neural fold homeobox; retinal homeobox protein Rx; RX; retina and anterior neural fold homeobox protein; MCOP3;
<b>mRNA Refseq</b>	NM_013435
<b>Protein Refseq</b>	NP_038463
<b>MIM</b>	601881
<b>UniProt ID</b>	Q9Y2V3
<b>Gene ID</b>	30062

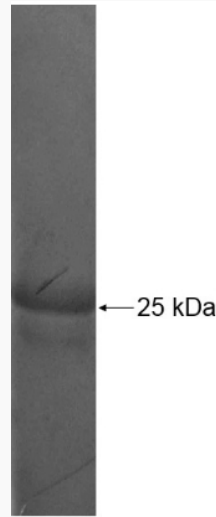
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SDS-PAGE



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