

Recombinant Human ORAI1 protein, His-tagged

Cat. No. ORAI1-5764H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ORAI1 protein(200-275 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	200-275 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
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, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

GENE INFORMATION

Official Symbol	ORAI1
Synonyms	ORAI1; ORAI calcium release-activated calcium modulator 1; TMEM142A, transmembrane protein 142A; calcium release-activated calcium channel protein 1;

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calcium release activated calcium modulator 1; CRACM1; FLJ14466; protein orai-1;
transmembrane protein 142A; calcium release-activated calcium modulator 1;
ORAT1; TMEM142A;

Gene ID 84876

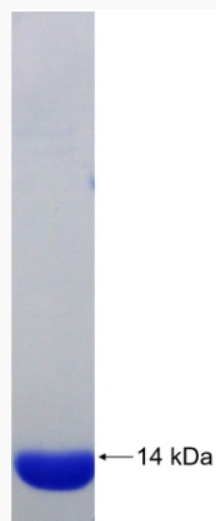
mRNA Refseq NM_032790

Protein Refseq NP_116179

MIM 610277

UniProt ID Q96D31

SDS-PAGE



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