

Recombinant Human ORAI1 protein, His-tagged

Cat. No. ORAI1-3265H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ORAI1 protein(1-75 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-75 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.
AA Sequence	MHPEPAPPPSRSSPELPPSGGSTTSGSRRSRRRSGDGEPPGAPPPPPSAVTYPDW IGQSYSEVMSLNEHSMQALS
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
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, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term

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storage.

GENE INFORMATION

Gene Name	ORAI1 ORAI calcium release-activated calcium modulator 1 [Homo sapiens]
Official Symbol	ORAI1
Synonyms	ORAI1; ORAI calcium release-activated calcium modulator 1; TMEM142A, transmembrane protein 142A; calcium release-activated calcium channel protein 1; 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

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