

Recombinant Full Length Danio Rerio Calcium Release-Activated Calcium Channel Protein 1(Orai1) Protein, His-Tagged

Cat. No. RFL7216DF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Danio rerio Calcium release-activated calcium channel protein 1(orai1) Protein (Q6TLE6) (1-222aa), fused to N-terminal His tag, was expressed in E. coli.
Species	zebrafish
Source	E.coli
ProteinLength	Full Length (1-222)
Form	Lyophilized powder
AA Sequence	MKMSRSEHSLQALSWRKLYLSRAKLKASSRTSALLSGFAMVAMVEVQLDTNHDYP PGLLI AFSACTTVLVAVHLFALMVSTCILPNIEAVSNVHNLNSVKESPHERMHRHIEL AWAFSTV IGTLFLAGVVLLCWVKFLPIKPKGQKNGTVSAGVAAAITSTSIMVPFGLV FIVFAVHFY RSLVSHKTDRQFQELEELEDLQNELDHREEVSTLQSPGSLYP
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

Storage Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION**Gene Name**

orai1

Synonyms

orai1; tmem142a; zgc:109721; Calcium release-activated calcium channel protein 1; Protein orai-1; Transmembrane protein 142A

UniProt ID

[Q6TLE6](#)

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