

Recombinant Human CAGE1 protein, GST-tagged

Cat. No. CAGE1-5733H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CAGE1 protein, fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). 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 100 mM reduced glutathione (GSH).
AASequence	KLDKYHSLNEELDFLVTSYEEIIECADQRLAISHSQIAHLEERNKHLEDLIRKPREKAR KPRSKSLENHPKSMTMMPALFKENRNDLD
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal

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volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	CAGE1 cancer antigen 1 [Homo sapiens]
Official Symbol	CAGE1
Synonyms	CAGE1; cancer antigen 1; cancer/testis antigen 3 , CTAG3; cancer-associated gene 1 protein; bA69L16.7; cancer/testis antigen 95; CT95; cancer/testis antigen 3; cancer/testis antigen gene 1; CT3; CTAG3; FLJ40441;
Gene ID	285782
mRNA Refseq	NM_001170692
Protein Refseq	NP_001164163
MIM	608304
UniProt ID	Q8TC20

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