

Recombinant Human IFI44 protein, GST-tagged

Cat. No. IFI44-3728H Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|--|
| Product Overview | Recombinant Human IFI44 protein(9-175 aa), fused with N-terminal GST tag, was expressed in E.coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 9-175 aa |
| 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 | RLHEKILQNHFGGKRLSLLYKGSVHGFRNGVLLDRCCNQGPTLTVIYSEDHIIGAYAE ESYQEGKYASIILFALQDTKISEWKLGLCTPETLFCCDVTKYNSPTNFDGRNRKVI MDLKTMENLGLAQNCTISIQDYEVFRCEDSLDERKIKGVIELRKSLLSALR |
| Purity | 85%, 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. |

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

GENE INFORMATION

Gene Name

IFI44 interferon-induced protein 44 [Homo sapiens]

Official Symbol

IFI44

Synonyms

IFI44; interferon-induced protein 44; MTAP44; p44; microtubule-associated protein 44; interferon-induced, hepatitis C-associated microtubular aggregate protein (44kD);

Gene ID

10561

mRNA Refseq

NM_006417

Protein Refseq

NP_006408

MIM

610468

UniProt ID

Q8TCB0

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SDS-PAGE



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