

Recombinant Mouse Dfna5 protein, GST-tagged

Cat. No. Dfna5-4243M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Dfna5 protein(1-200 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Mouse
Source	E.coli
ProteinLength	1-200 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	MFAKATRNFLKEVDAGGDLISVSHLNDSDKLQLLSLVTKKKRYWCWQRPKYQILSAT LEDVLTEGHCLSPVWVESDFVKYESKCNHKSAGITVVGKVKLNVGKGKGVVESH SFGTLRKQEVDVQQLIQDAVKRTVNMDNLVLQQVLESRNEVLCVLTQKIMTTQKCVI SEHVQSEETCGGMVGIQTKTIQVSATEDGT
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	Dfna5 deafness, autosomal dominant 5 (human) [<i>Mus musculus</i>]
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Official Symbol	Dfna5
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Synonyms

DFNA5; deafness, autosomal dominant 5 (human); non-syndromic hearing impairment protein 5 homolog; deafness, autosomal dominant 5 homolog; nonsyndromic hearing impairment protein; Fin15; Dfna5h; EG14210; 2310037D07Rik; 4932441K13Rik;

Gene ID	54722
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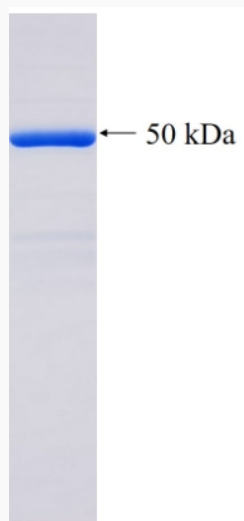
mRNA Refseq	NM_018769
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Protein Refseq	NP_061239
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SDS-PAGE

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