

Recombinant Mouse Fam162a Protein, Myc/DDK-tagged

Cat. No. Fam162a-2923M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length family with sequence similarity 162, member A (Fam162a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Proposed to be involved in regulation of apoptosis; the exact mechanism may differ between cell types/tissues. May be involved in hypoxia-induced cell death of transformed cells implicating cytochrome C release and caspase activation (such as CASP9) and inducing mitochondrial permeability transition. May be involved in hypoxia-induced cell death of neuronal cells probably by promoting release of AIFM1 from mitochondria to cytoplasm and its translocation to the nucleus; however, the involvement of caspases has been reported conflictingly.
Molecular Mass	17.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Fam162a family with sequence similarity 162, member A [Mus musculus (house mouse)]
Official Symbol	Fam162a
Synonyms	Fam162a; family with sequence similarity 162, member A; HGTD-P; 2310056P07Rik; protein FAM162A; E2-induced gene 5 protein homolog; growth and transformation-dependent protein
Gene ID	70186
mRNA Refseq	NM_027342
Protein Refseq	NP_081618
UniProt ID	Q9D6U8

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