

Recombinant Mouse Hspa14 overexpression lysate

Cat. No. Hspa14-09HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant mouse Hspa14 HEK293T cell transient overexpression lysate (as WB positive control) with a C-Myc/DDK tag was expressed in HEK293T.

Preparation: HEK293T cells in 10-cm dishes were transiently transfected. Transfected cells were cultured for 48hrs before collection. The cells were lysed in modified RIPA buffer (25mM Tris-HCl pH7.6, 150mM NaCl, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cocktail mix, 1mM PMSF and 1mM Na3VO4), and then centrifuged to clarify the lysate. Protein concentration was measured by BCA kit. To facilitate transportation and protein, the products are supplied as lyophilized proteins.

Components: 1 vial of 20 µg lyophilized gene specific transient over-expression cell lysate

Species

Mouse

Source

HEK293

Description

Component of the ribosome-associated complex (RAC), a complex involved in folding or maintaining nascent polypeptides in a folding-competent state. In the RAC complex, binds to the nascent polypeptide chain, while DNAJC2 stimulates its ATPase activity.

Molecular Mass

54.7 kDa

Stability

Lysate samples are stable for 12 months from date of receipt when stored at -20 centigrade. Avoid repeated freeze-thaw cycles after reconstitution.

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Storage	Upon receiving, store the sample at -20 centigrade.
Reconstitution	Lysate samples can be reconstituted with SDS Sample Buffer. Prior to SDS-PAGE fractionation, boil the lysate for 5 minutes.
Shipping	The lysate can be shipped at ambient temperature.

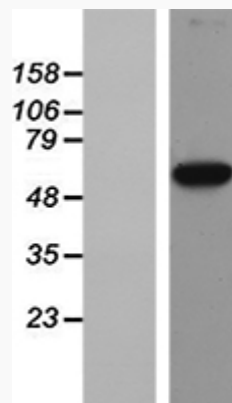
GENE INFORMATION

Gene Name	Hspa14 heat shock protein 14 [Mus musculus (house mouse)]
Official Symbol	Hspa14
Synonyms	Hspa14; heat shock protein 14; 70kDa; NST-1; hsr.1; HSP70L1; Hsp70-4; heat shock 70 kDa protein 14; Names; heat shock 70kDa protein 14; heat shock protein 4; heat shock protein, 70 kDa 4;
Gene ID	50497
mRNA Refseq	NM_015765
Protein Refseq	NP_056580
UniProt ID	Q99M31

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SDS-PAGE

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