Catalog Number: 230-20225-200



Recombinant Human NK2 Homeobox 5, transfected HEK293 cell culture supernatant

Source

Species Human

P52952-1 **Accession Number Gene Symbol** NKX2-5

Expressed Region Phe2-Trp324

NK2 Homeobox 5, NK2 Homeobox 5, Homeobox Protein NK-2 Homolog E, Homeobox Protein

CSX, NKX2.5, NKX2E, CSX, NK2 Transcription Factor Related, Locus 5 (Drosophila), NK2 Transcription Factor Related, Locus 5, Tinman Paralog (Drosophila), Cardiac-Specific

Synonyms Homeobox 1, Cardiac-Specific Homeo Box, Cardiac-Specific Homeobox, Tinman Paralog,

NKX4-1, CHNG5, HLHS2, CSX1, VSD3

Preparation

Purification

Expression System Human Embryonic Kidney 293 Cells

Tag N-terminal histidine tag

> Unpurified cell culture supernatant. HEK293 cells grown in serum-free medium were transfected with expression vector harboring target gene. The cell culture was harvested with centrifugation to remove cells. The cell culture supernatant containing mammalian cell protease inhibitor cocktail was aliquoted and stored at -80 °C immediately. The gene overexpression in culture

> supernatant was confirmed by Western blotting using anti-His tag antibody and/or target-specific antibodies and the culture supernatant derived from HEK293 cells transfected with the empty

expression vector was used as a negative control.

Recombinant protein has a calculated molecular mass of 35. The actual molecular weight may **Molecular Weight**

increase differently due to the potential post-modifications (PTMs).

Protein Specifications

Format Pink liquid

Formulation Culture supernatant of transfected HEK293 cells

Preservative None

Western blotting control, antibody validation (i.e., hybridoma screening, antibody pair test), **Recommended Applications**

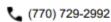
ELISA, EIA, dot blotting, immunoprecipitation (IP), protein array, protein functional assay,

protein-protein interaction, post-translational modifications, etc.

Shipping

Ice packs

Storage/Stability



Upon arrival, the protein may be stored for 2 weeks at 4 °C. For long term storage, it is recommended to store at -20 °C or -80 °C in appropriate aliquots. Avoid repeated freeze-thaw cycles.

This product is furnished for LABORATORY RESEARCH USE ONLY.

Not for diagnostic or therapeutic use.

