

Recombinant Human NK2 Homeobox 5, transfected HEK293 cell culture supernatant**Source**

Species	Human
Accession Number	P52952-1
Gene Symbol	NKX2-5
Expressed Region	Phe2-Trp324
Synonyms	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 Homeobox 1, Cardiac-Specific Homeo Box, Cardiac-Specific Homeobox, Tinman Paralog, NKX4-1, CHNG5, HLHS2, CSX1, VSD3

Preparation

Expression System	Human Embryonic Kidney 293 Cells
Tag	N-terminal histidine tag
Purification	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.
Molecular Weight	Recombinant protein has a calculated molecular mass of 35. The actual molecular weight may increase differently due to the potential post-modifications (PTMs).

Protein Specifications

Format	Pink liquid
Formulation	Culture supernatant of transfected HEK293 cells
Preservative	None
Recommended Applications	Western blotting control, antibody validation (i.e., hybridoma screening, antibody pair test), 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.