

Recombinant Human PITX3 Protein, GST-His-tagged

Cat. No. PITX3-645H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PITX3 fused with N-terminal GST and C-terminal His was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes a member of the RIEG/PITX homeobox family, which is in the bicoid class of homeodomain proteins. Members of this family act as transcription factors. This protein is involved in lens formation during eye development. Mutations of this gene have been associated with anterior segment mesenchymal dysgenesis and congenital cataracts.
Form	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1% Sarkosyl.
Molecular Mass	57.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name PITX3 paired-like homeodomain 3 [Homo sapiens]

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Official Symbol	PITX3
Synonyms	PITX3; paired-like homeodomain 3; paired like homeodomain transcription factor 3; pituitary homeobox 3; homeobox protein PITX3; PTX3; CTPP4; MGC12766;
Gene ID	5309
mRNA Refseq	NM_005029
Protein Refseq	NP_005020
UniProt ID	O75364

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