

Recombinant Human PAXX Protein, GST-tagged

Cat. No. PAXX-5248H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human C9orf142 full-length ORF (NP_899064.1, 1 a.a. - 204 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene plays a role in the nonhomologous end joining (NHEJ) pathway of DNA double-strand break repair. The encoded protein may function to stabilize the Ku70/Ku80 heterodimer to facilitate the assembly and maintain the stability of the NHEJ complex. [provided by RefSeq, Jul 2016]
Molecular Mass	48 kDa
AA Sequence	MDPLSPPLCTLPPGPEPPRFVCYCEGEESGEGDRGGFNLYVTDAELWSTCFTPD SLAALKARFGLSAAEDITPRFRAACEQQAVALTLQEDRASLTLSGGPSALAFDLSKV PGPEAAPRLRALTLGLAKRVWSLERRLAAAEETAVSPRKSPRPAGPQLFLPDPDPQ RGGPGPGVRRRCPGESLINPGFKSKKPAGGVDFDET
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name PAXX PAXX, non-homologous end joining factor [Homo sapiens (human)]

Official Symbol PAXX

Synonyms C9orf142; PAXX; PAXX, non-homologous end joining factor; XLS; C9orf142; protein PAXX; XRCC4-like small protein; paralog of XRCC4 and XLF\

Gene ID 286257

mRNA Refseq NM_001329678

Protein Refseq NP_001316607

MIM 616315

UniProt ID Q9BUH6

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