

Product datasheet for **TP762384**

NOX5 (NM_001184779) Human Recombinant Protein

Product data:

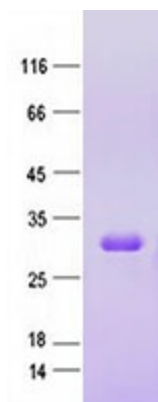
Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human NADPH oxidase, EF-hand calcium binding domain 5 (NOX5), transcript variant 2, Val418-His530, with N-terminal His-ABP tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region (Val418-His530) of NOX5
Tag:	N-His-ABP (Albumin-Binding Protein)
Predicted MW:	28.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	>80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001171708
Locus ID:	79400
UniProt ID:	Q96PH1 , A3QRJ0
Cytogenetics:	15q23
RefSeq ORF:	2211
Summary:	This gene is predominantly expressed in the testis and lymphocyte-rich areas of spleen and lymph nodes. It encodes a calcium-dependen NADPH oxidase that generates superoxide, and functions as a calcium-dependent proton channel that may regulate redox-dependent processes in lymphocytes and spermatozoa. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Oct 2011]



[View online »](#)

Protein Families: Ion Channels: Other, Transmembrane

Product images:



Purified recombinant protein NOX5 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.