

Product datasheet for **TP762662**

APOL3 (NM_145642) Human Recombinant Protein

Product data:

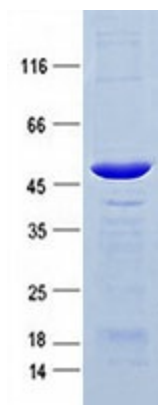
Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human apolipoprotein L, 3 (APOL3), transcript variant beta/b
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region full length of APOL3
Tag:	N-GST and C-HIS
Predicted MW:	64.5 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_663617
Locus ID:	80833
UniProt ID:	O95236
RefSeq Size:	3591
Cytogenetics:	22q12.3
RefSeq ORF:	996
Synonyms:	apoL-III; APOLIII; CG12_1; CG121



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Summary:

This gene is a member of the apolipoprotein L gene family, and it is present in a cluster with other family members on chromosome 22. The encoded protein is found in the cytoplasm, where it may affect the movement of lipids, including cholesterol, and/or allow the binding of lipids to organelles. In addition, expression of this gene is up-regulated by tumor necrosis factor-alpha in endothelial cells lining the normal and atherosclerotic iliac artery and aorta. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2015]

Product images:

Purified recombinant protein APOL3 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.