

#### OriGene Technologies, Inc.

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## Product datasheet for TP761831

### Adenine Nucleotide Translocator 2 (SLC25A5) (NM\_001152) Human Recombinant Protein

### **Product data:**

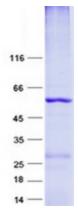
Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of human ADP/ATP translocase 2(SLC25A5), full length with N- terminal GST and C-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length SLC25A5
Tag:	N-GST and C-His
Predicted MW:	60.7 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.
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:	<u>NP 001143</u>
Locus ID:	292
UniProt ID:	<u>P05141, Q6NVC0</u>
RefSeq Size:	1351
Cytogenetics:	Xq24
RefSeq ORF:	894
Synonyms:	2F1; AAC2; ANT2; T2; T3



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This gene is a member of the mitochondrial carrier subfamily of solute carrier protein genes. The product of this gene functions as a gated pore that translocates ADP from the cytoplasm into the mitochondrial matrix and ATP from the mitochondrial matrix into the cytoplasm. The
protein forms a homodimer embedded in the inner mitochondria membrane. Suppressed expression of this gene has been shown to induce apoptosis and inhibit tumor growth. The human genome contains several non-transcribed pseudogenes of this gene.[provided by RefSeq, Jun 2013]
Druggable Genome, Transmembrane Calcium signaling pathway, Huntington's disease, Parkinson's disease

# Product images:



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