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Product datasheet for TP522952

Ednrb (NM_001136061) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse endothelin receptor type B (Ednrb), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR222952 representing NM_001136061 Red=Cloning site Green=Tags(s) MQSPASRCGRALVALLLACGFLGVWGEKRGFPPAQATLSLLGTKEVMTPPTKTSWTRGSNSSLMRSSAPA EVTKGGRGAGVPPRSFPPPCQRNIEISKTFKYINTIVSCLVFVLGIIGNSTLLRIIYKNKCMRNGPNILI ASLALGDLLHIIIDIPINTYKLLAEDWPFGAEMCKLVPFIQKASVGITVLSLCALSIDRYRAVASWSRIK GIGVPKWTAVEIVLIWVVSVVLAVPEAIGFDMITSDYKGKPLRVCMLNPFQKTAFMQFYKTAKDWWLFSF YFCLPLAITAVFYTLMTCEMLRKKSGMQIALNDHLKQRREVAKTVFCLVLVFALCWLPLHLSRILKLTLY DQSNPHRCELLSFLLVLDYIGINMASLNSCINPIALYLVSKRFKNCFKSCLCCWCQTFEEKQSLEEKQSC LKFKANDHGYDNFRSSNKYSSS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	49.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
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_001129533
Locus ID:	13618

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UniProt ID:	P48302
RefSeq Size:	4191
Cytogenetics:	14 53.05 cM
RefSeq ORF:	1326
Synonyms:	ET-B; ET-BR; ETb; ETR-; ETR-b; Sox10; Sox10m1
Summary:	This gene encodes a member of the G-protein coupled receptor family. It encodes a receptor for endothelins, peptides that are involved in vasocontriction. The encoded protein activates a phosphatidylinositol-calcium second messenger system and is required for the development of enteric neurons and melanocytes. Gene disruption causes pigmentation anomalies, deafness, and abnormal dilation of the colon due to defects of neural crest-derived cells. Mutations in this gene are found in the piebald mouse, and mouse models of Hirschsprung's disease and Waardenburg syndrome type 4. Renal collecting duct-specific gene deletion causes sodium retention and hypertension. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2013]