

## Product datasheet for **TP524919**

### Nr0b1 (NM\_007430) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse nuclear receptor subfamily 0, group B, member 1 (Nr0b1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR224919 representing NM_007430 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MAGEDHPWQGSILYNLLMSAKQKHASQEEREVRLGAQCWGCACGAQPVLGGERLSGGQARSLLYRCCFCG ENHPRQGGILYSMLTNARQPSVATQAPRARFGAPCWGCACGSAEPLVGREGLPAGQAPSLLYRCCFCGEE HPRQGSILYSLLTSAQQTHVSREAPEAHRERGEWWQLSYCTQSVGGPEGLQSTQAMAFLYRSYVCGEEQPQ QISVASGTPVSADQTPATPQEQRAPWWDASPGVQRLITLKDPPQVCEAASAGLLKTLRFVKYLPCFQIL PLDQQLVLRSCWAPLLMLELAQDHLHFEMMEIPETNTTQEMLTTRRQETEGPEPAEPQATEQPQMVSAE AGHLLPAAAVQAISFFFKCWSLNIDTKEYAYLKGTVLFPDLPGLQCVKYIEGLQWRTQQILTEHIRMM QREYQIRSAELNSALFLLRFINSVDVTELFFRPIIGAVSMDDMMLEMLCAKL  <b>SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	53 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:	<a href="#">NP_031456</a>
Locus ID:	11614



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UniProt ID: [Q61066](#), [Q53ZY9](#)

RefSeq Size: 1794

Cytogenetics: X 39.67 cM

RefSeq ORF: 1416

Synonyms: AH; Ahc; Ahch; AHX; Dax; DAX-; DAX-1; Dax1

**Summary:** This gene encodes an orphan nuclear receptor protein that plays a key role in differentiation of the gonads. This protein regulates steroidogenic factor 1 (Sf-1) in a dose-dependent manner, sometimes functioning as a repressor of SF-1 target genes, and sometimes functioning as a co-activator. Overexpression of this gene can cause feminization of the XY male gonads. This gene is also involved in the maintenance of embryonic stem cell pluripotency. Mutations in the related gene in human cause congenital adrenal hypoplasia and hypogonadotropic hypogonadism. [provided by RefSeq, May 2015]