

## Total Oct-2 Cell-Based Colorimetric ELISA Kit

<b>Catalog No :</b>	KA3342C
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	ELISA
<b>Gene Name :</b>	POU2F2
<b>Human Gene Id :</b>	5452
<b>Human Swiss Prot No :</b>	P09086
<b>Mouse Swiss Prot No :</b>	Q00196
<b>Storage Stability :</b>	2-8 °C/6 months
<b>Detection Method :</b>	Colorimetric
<b>Background :</b>	<p>function:Transcription factor that specifically binds to the octamer motif (5'-ATTTGCAT-3'). Regulates transcription in a number of tissues in addition to activating immunoglobulin gene expression. Modulates transcription transactivation by NR3C1, AR and PGR. Isoform 5 activates the U2 small nuclear RNA (snRNA) promoter.,similarity:Belongs to the POU transcription factor family. Class-2 subfamily.,similarity:Contains 1 homeobox DNA-binding domain.,similarity:Contains 1 POU-specific domain.,subunit:Interacts with NR3C1, AR and PGR.,tissue specificity:Isoform 3 is B-cell specific. Isoform 5 is expressed in B-cells and the immunoglobulin-expressing T-cell line Molt-4, but not in the T-cell line BW 5147.,</p>
<b>Function :</b>	<p>transcription, transcription, DNA-dependent, regulation of transcription, DNA-dependent, transcription from RNA polymerase II promoter, immune response, humoral immune response, RNA biosynthetic process, regulation of transcription, regulation of RNA metabolic process,</p>
<b>Subcellular Location :</b>	Cytoplasm . Nucleus.
<b>Expression :</b>	<p>Isoform 3 is B-cell specific. Isoform 5 is expressed in B-cells and the immunoglobulin-expressing T-cell line MOLT-4, but not in the T-cell line BW5147.</p>

**Sort :** 23021**No4 :** 1**Modifications :** Unmodified

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## Products Images