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Supplementary/Supporting Information

Fig. S1 Compatibility triangles in part of SrO-MgO-P₂O₅ systems and the representative compounds.

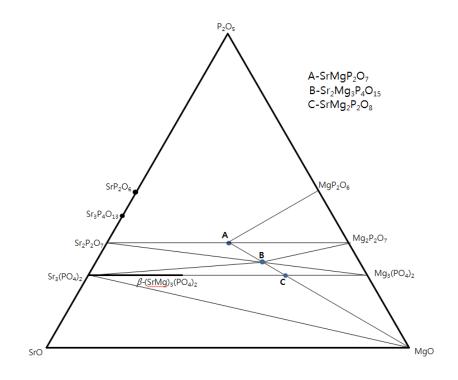


Fig. S2 Emission spectra of the Eu^{2+} (black line) or Mn^{2+} (red line) singly doped strontium magnesium phosphates; (a) $SrMgP_2O_7$, (b) $SrMg_2P_2O_8$ and (c) $Sr_2Mg_3P_4O_{15}$.

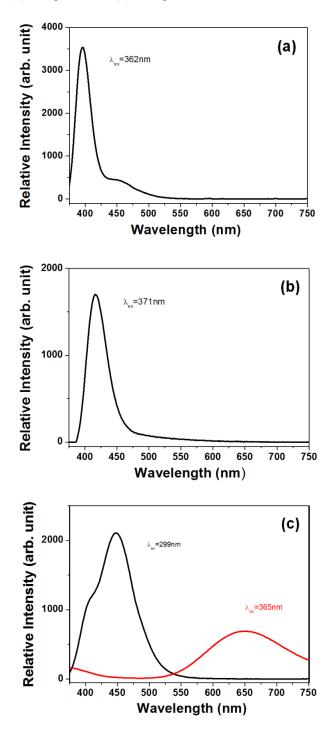
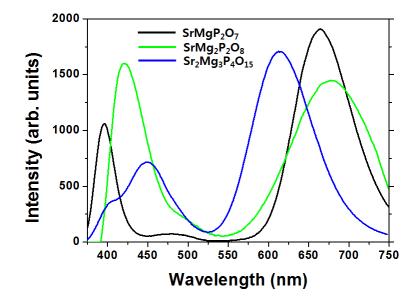


Fig. S3 Comparative emission spectra of the Eu^{2+}/Mn^{2+} codoped strontium magnesium phosphates, $SrMgP_2O_7$, $SrMg_2P_2O_8$ and $Sr_2Mg_3P_4O_{15}$.



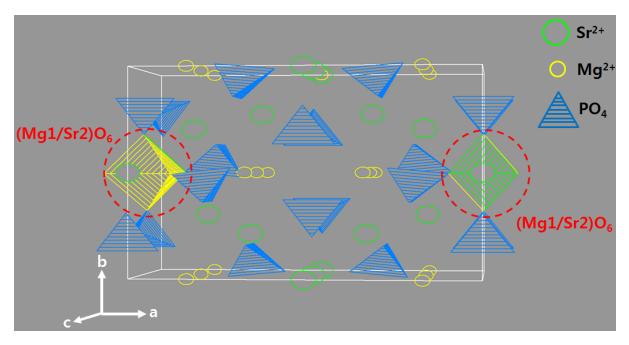


Fig. S4 Views of the structure along (001) with the $Sr_{2+x}Mg_{3-x}P_4O_{15}$ unit cell outlines.